FutureBoston, Inc.

Overview Presentation to Goulston & Storrs

November 14, 2002

Agenda

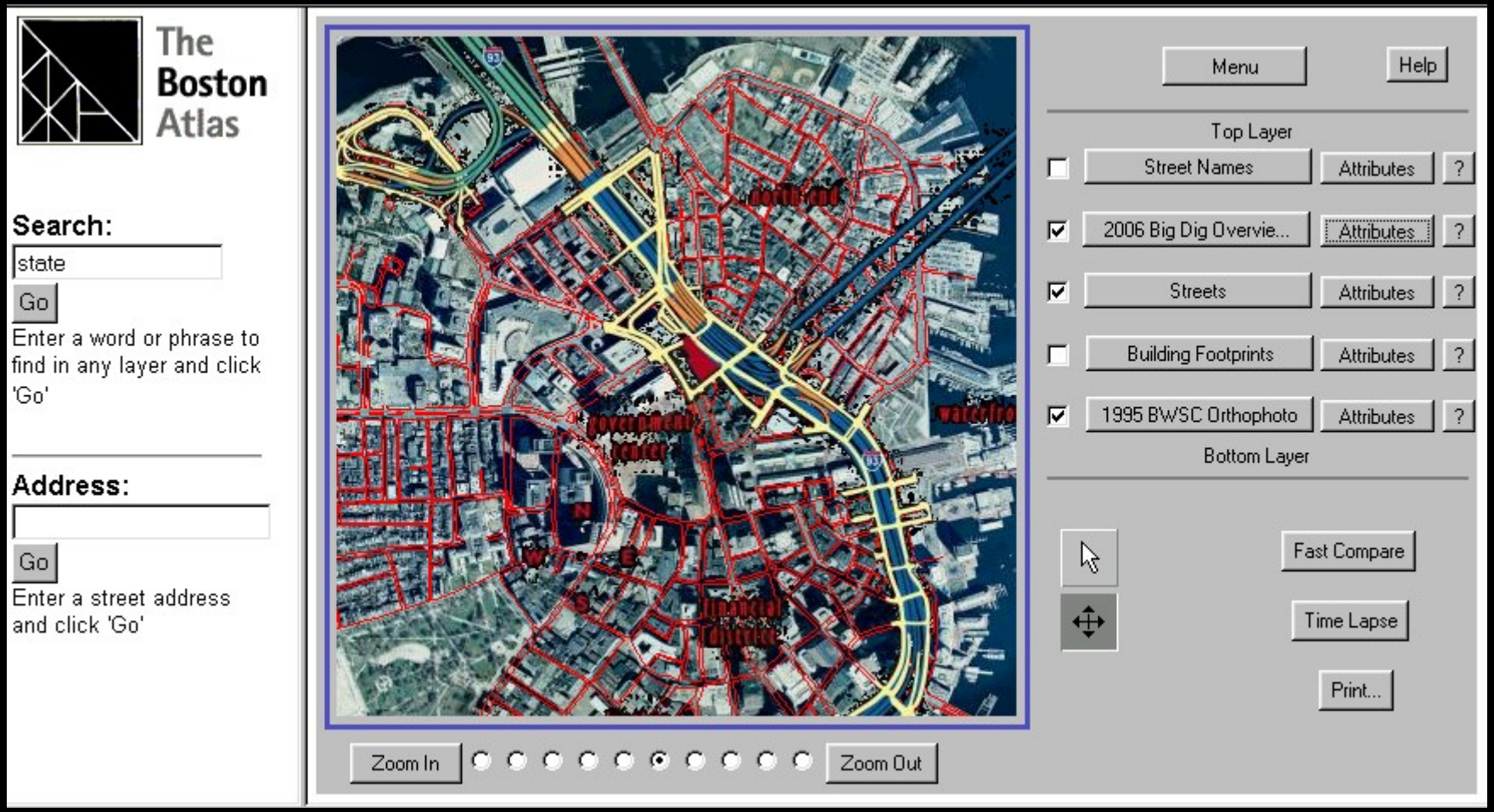
- Overview of FutureBoston
- Boston Atlas
- 3D Models of Big Dig Parcels 6-13
- Future Directions & Open Source

FutureBoston Overview

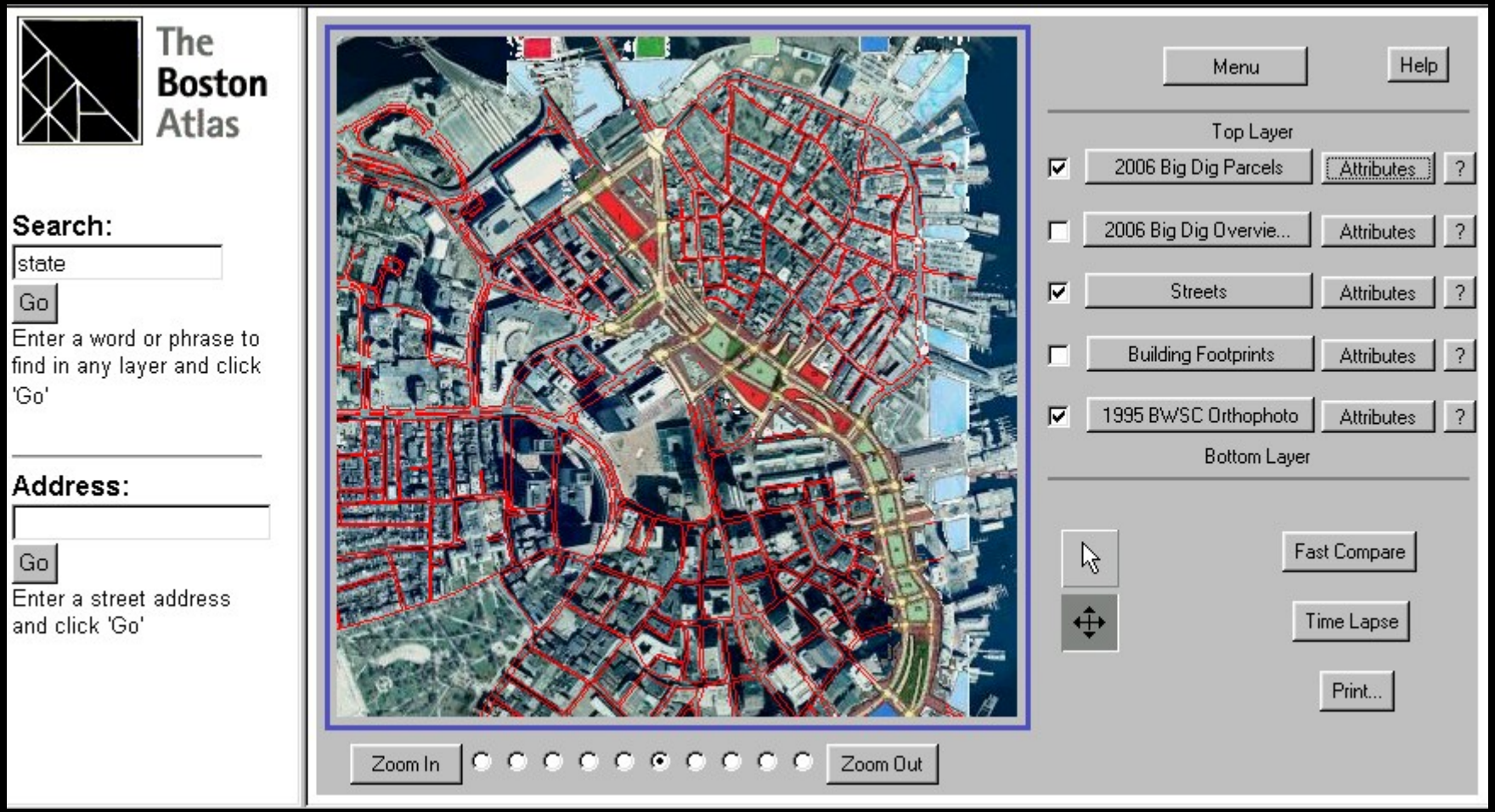
- 501 c 3 educational non-profit
- Tools for city planning
- Web-based
- Big Dig

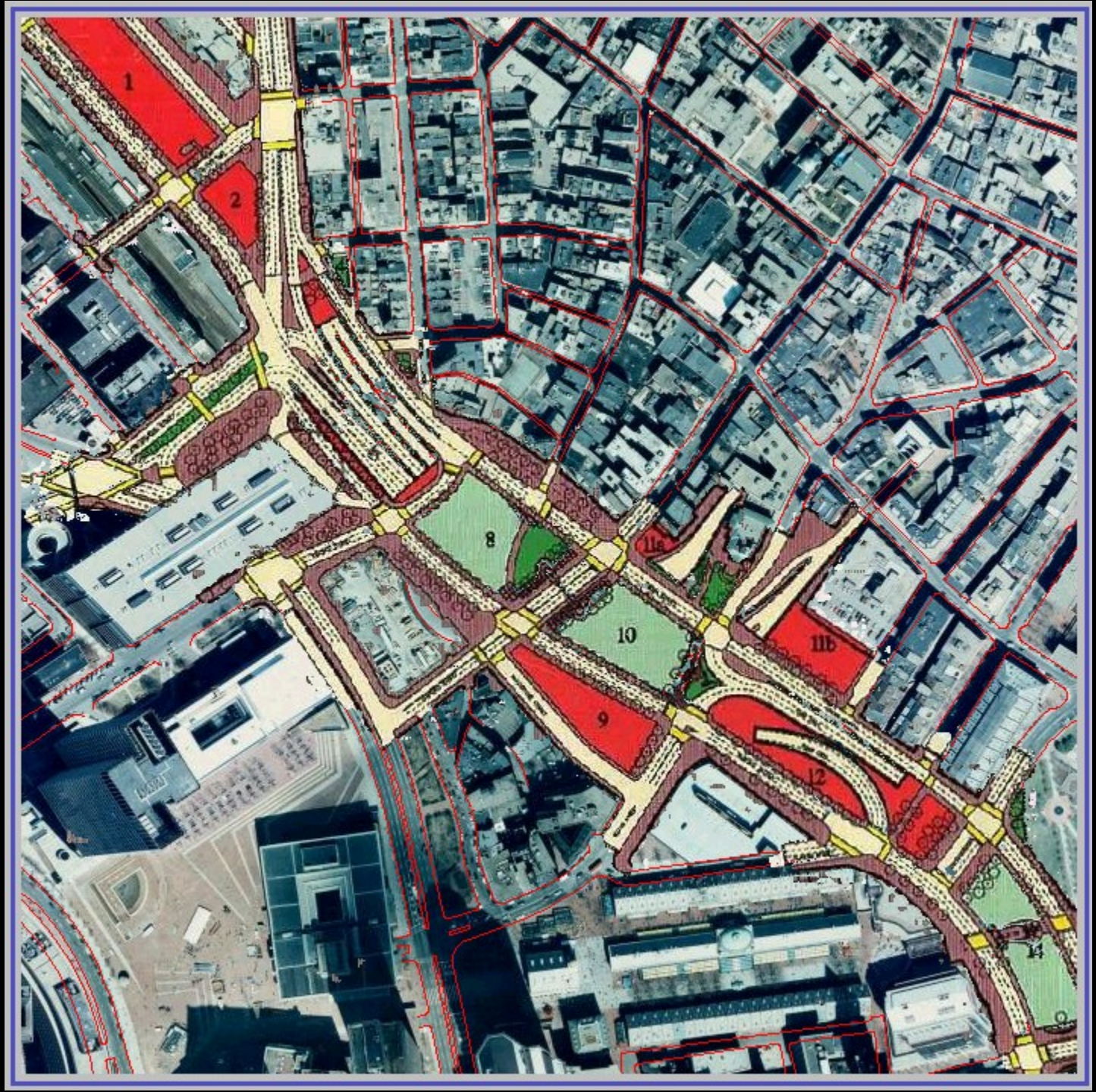
Maps Over Time

MapJunction – Boston Atlas



MapJunction – Boston Atlas

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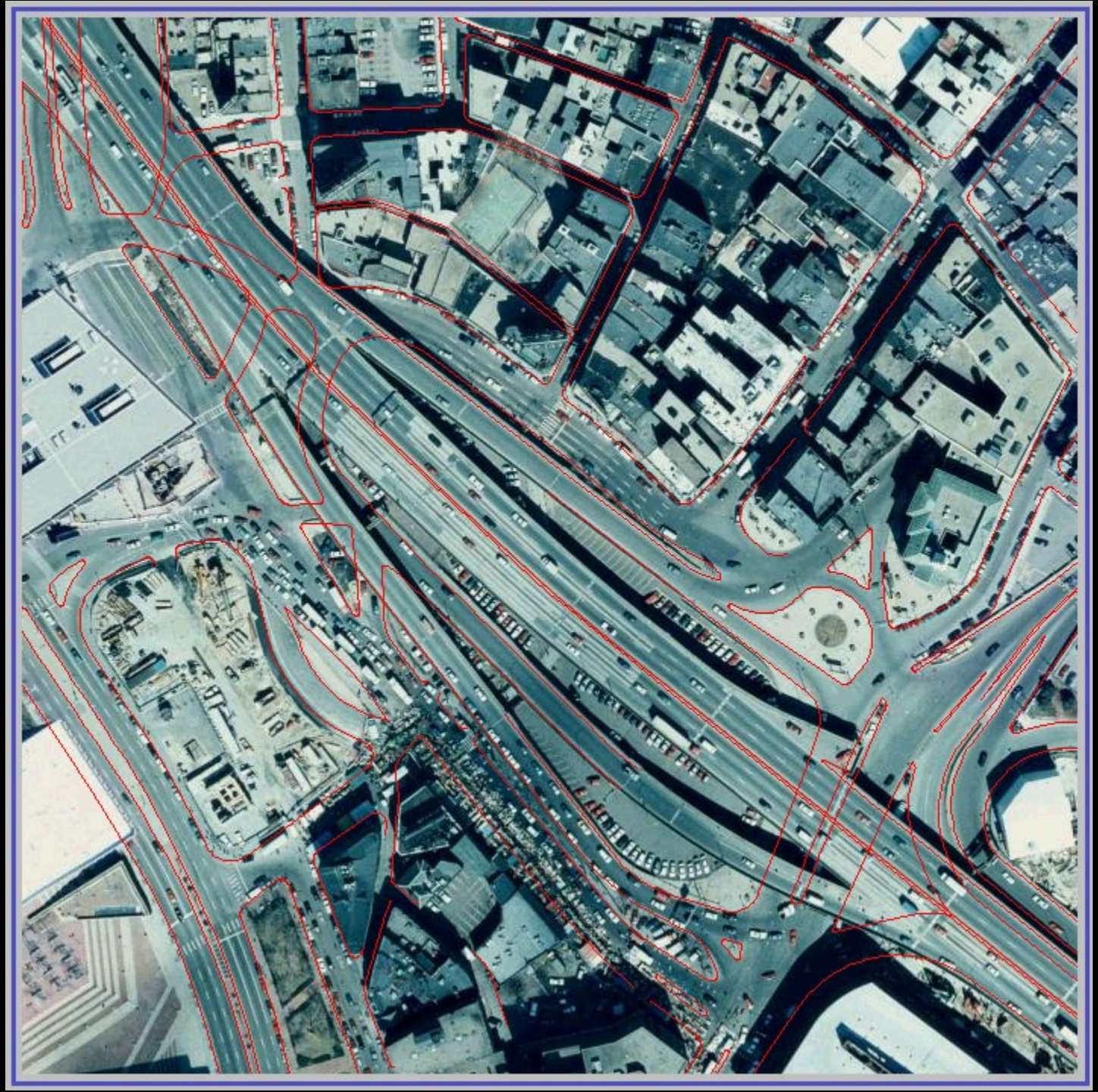

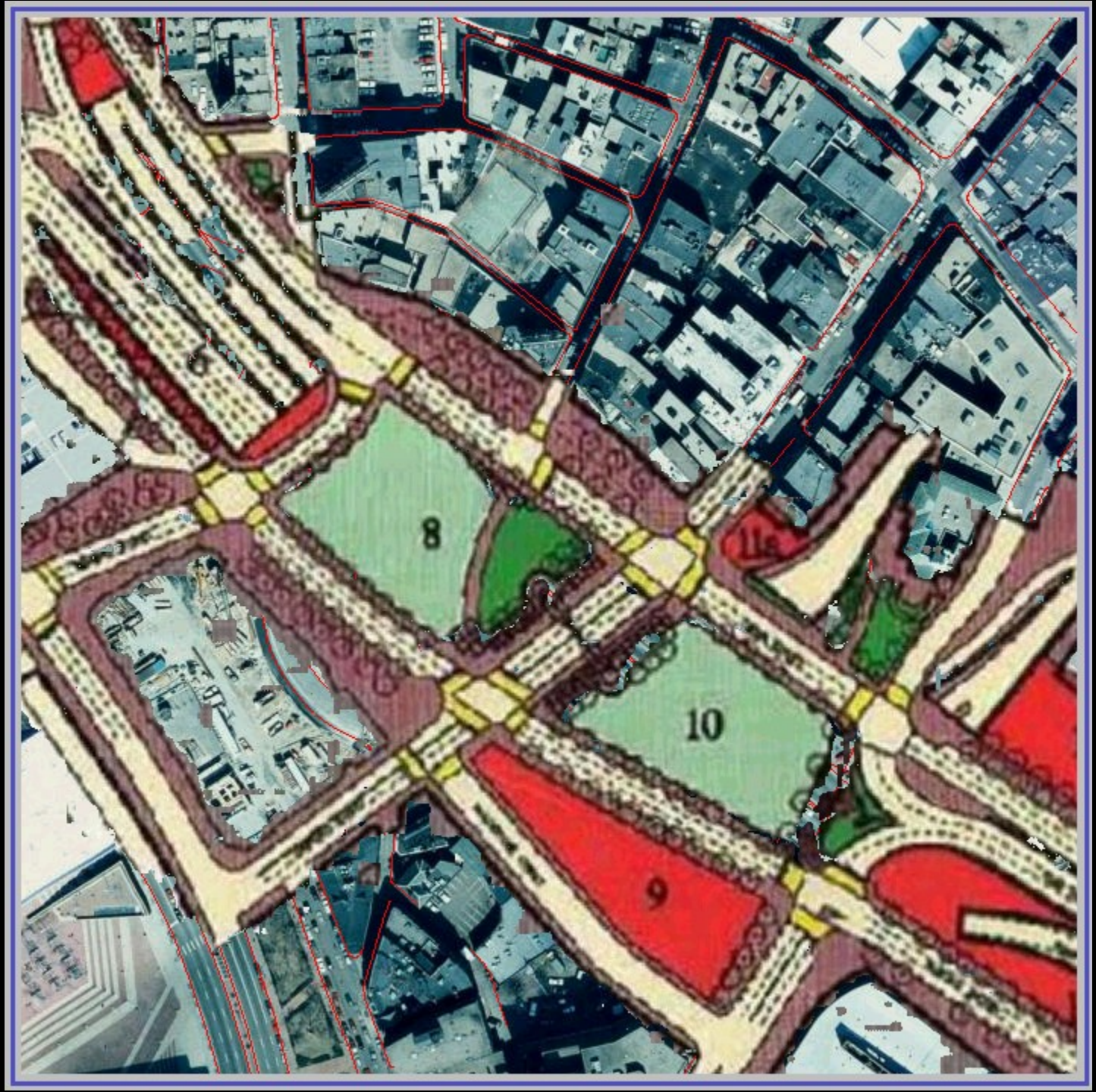
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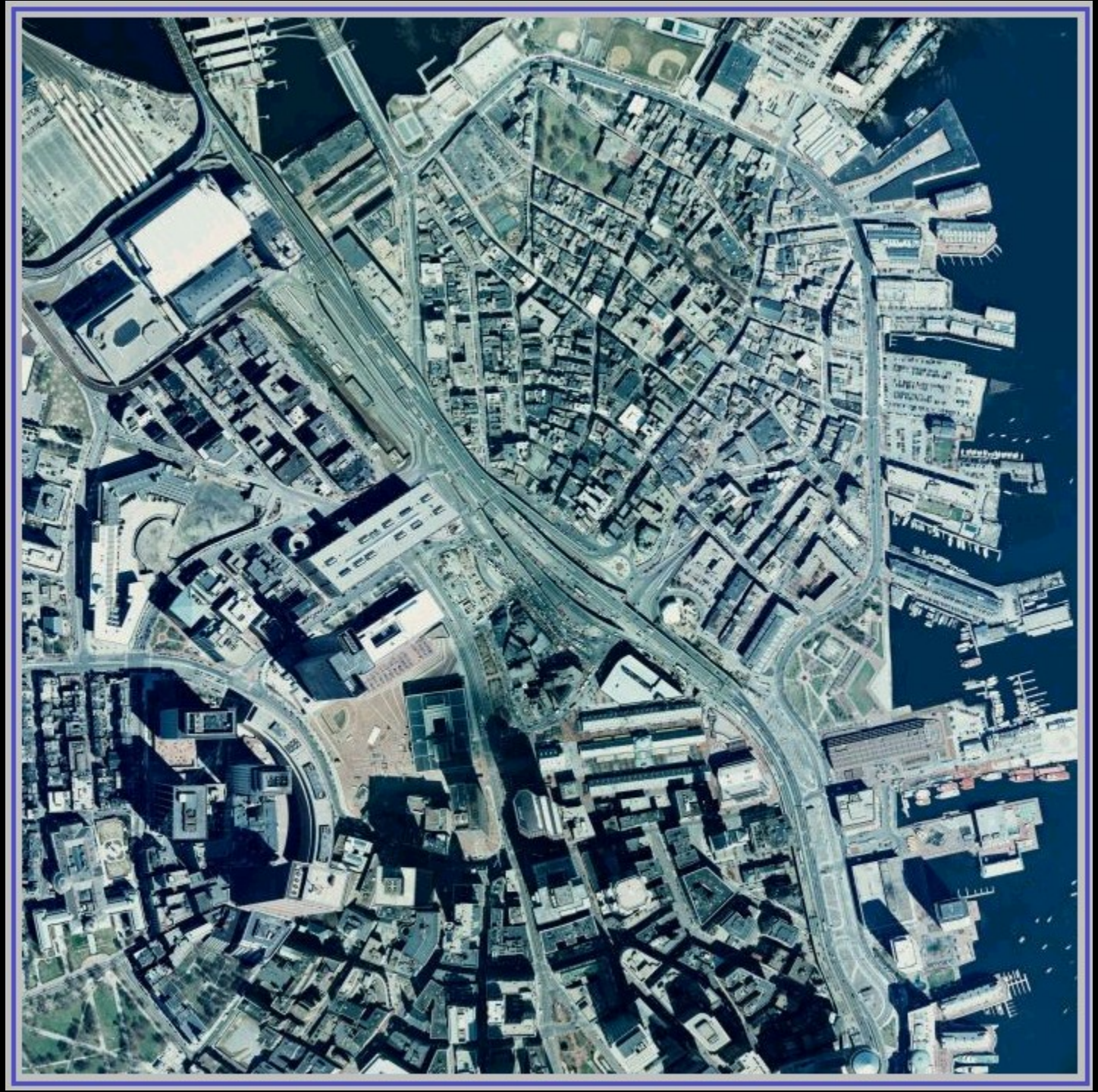

Hudson's Point
Hunts and Whites Ship Yard
Greenough's Ship
Pameter's
Hunts Wharf
Thornton's Ship-Yard
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Burrough's Wha
Grant's & Gree
Ship Yard
Clarke's Ship-Y
Hutchinson's Whar
Scarlet's Wharf
Clarke's or Hancock
Sear's Ship Yard
Halsey's Wharf
Haywood's Wharf
Gallops Wharf
Clarke's Wharf
Burrel's Wharf
Lee's Ship Yard
Lake's Wharf
Wentworth's Wharf
Woodman's Wharf
Gov.r Belchers Wharf
Butlers Wharf
Tea Wharf
Long Wharf
Old Wharf
South Batte
Apthorp's
Gree's Ship Yard
North-west Water Mill
E. by N. Mill Dam
Lee's Ship Yard
Waldo's Wharf
MILL POND
Corps Hill
Hill Street
Ship Street
Fish Street
Middle Street
Back Street
Hanover Street
Town Dock
King Street
Queen Street
Cornhill
Water Street
School Street
Common Street
Milk Street
Battery Marsh
Sudbury Street
Hillers Lane
Southacks Str
Lynn Street
Green Lane
Hawkins Street
Cold Lane
Union Str
Ann Street
Cross Street
Fish Street
Salem Street
Princes Street
Mill Street
Water Mill
Dock Square
Hillers Street
Brattles Street
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Beacon Hill
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Mill Street
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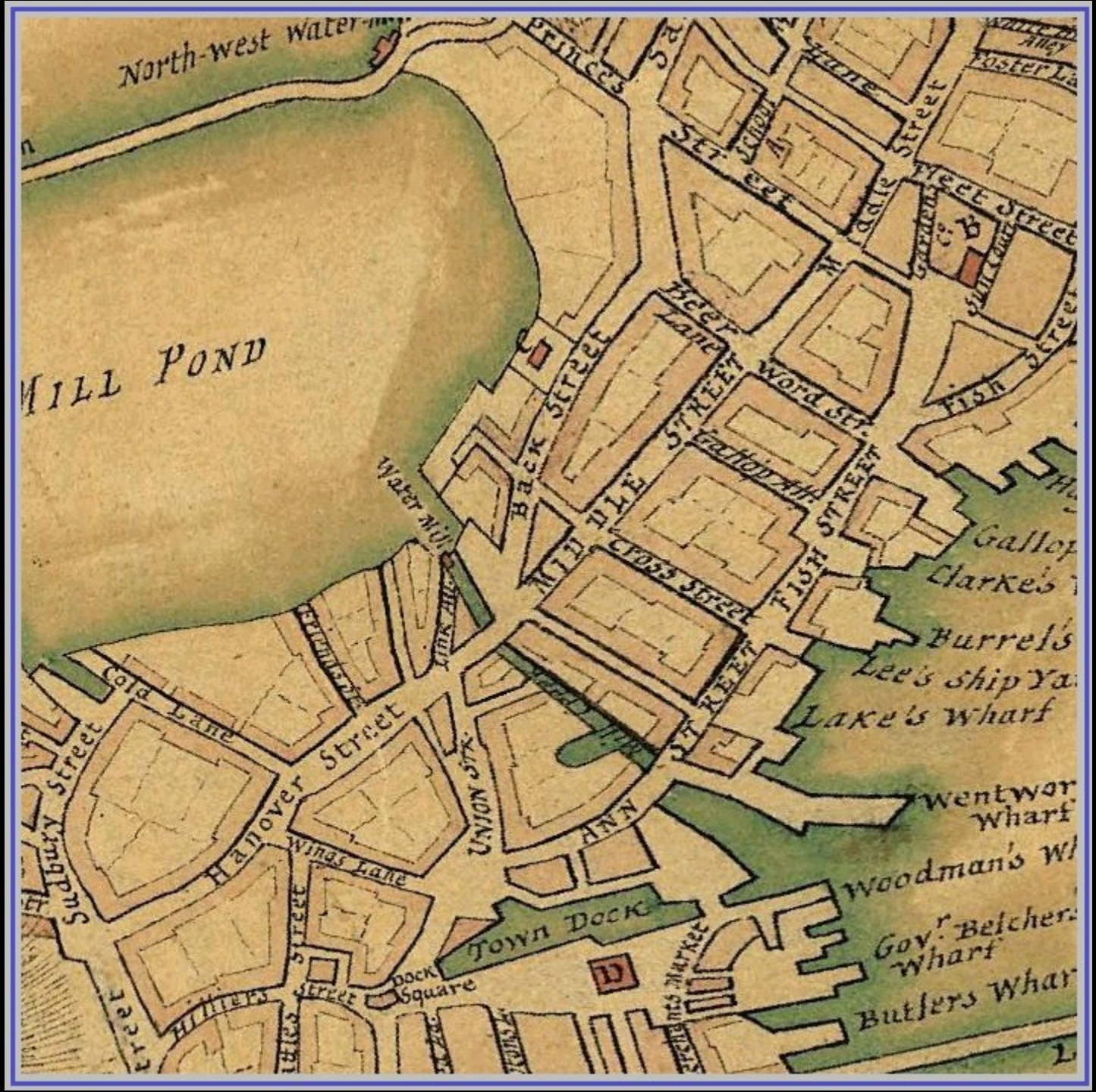
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MIDDLE STREET
FISH STREET
Cross Street
Water Mill
Link Alt.
Cold Lane
Hanover Street
Sudbury Street
Union Str.
ANN STREET
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Dock Square
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Clarke's
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Gallop
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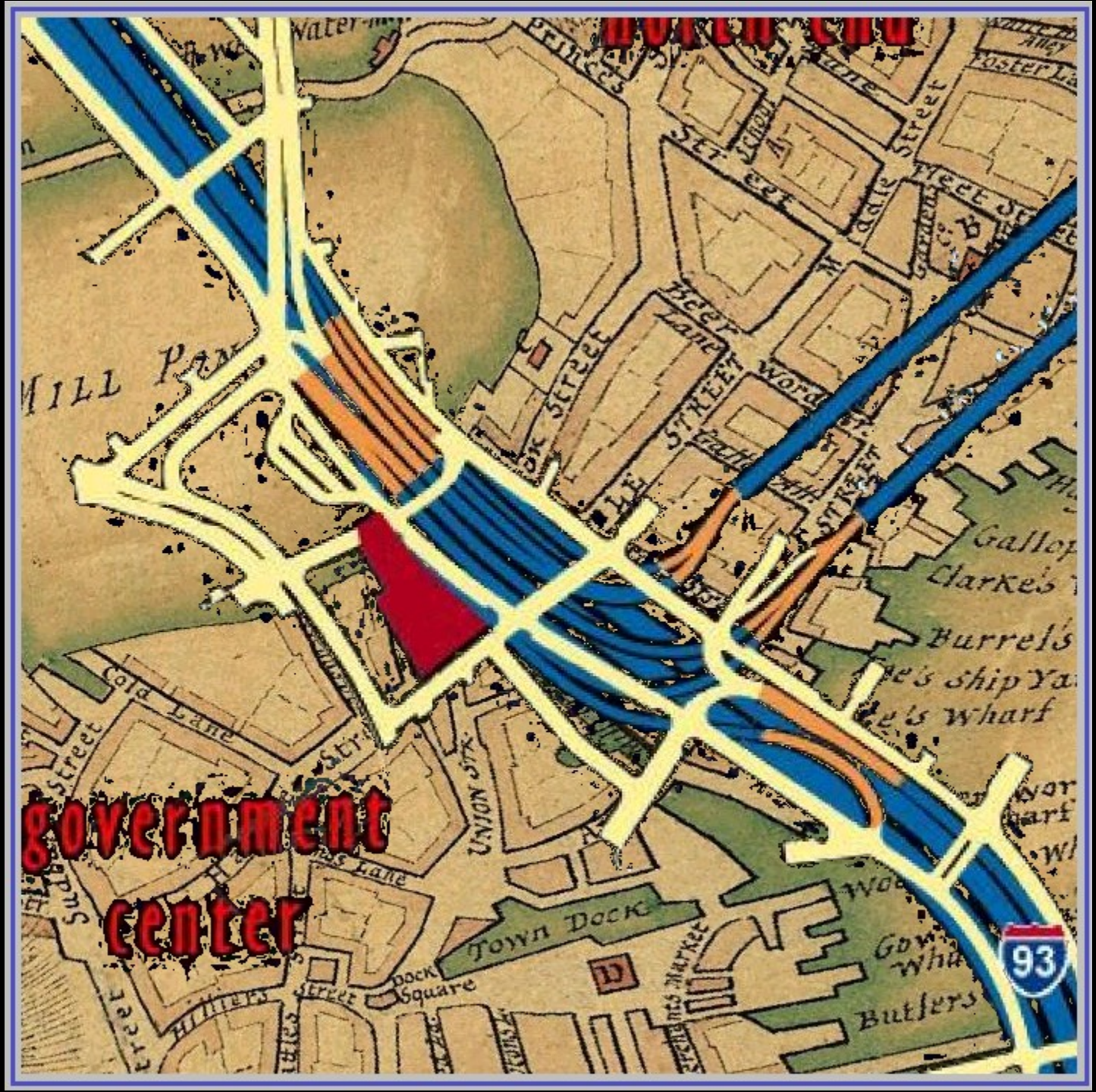
north end
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Union Str.
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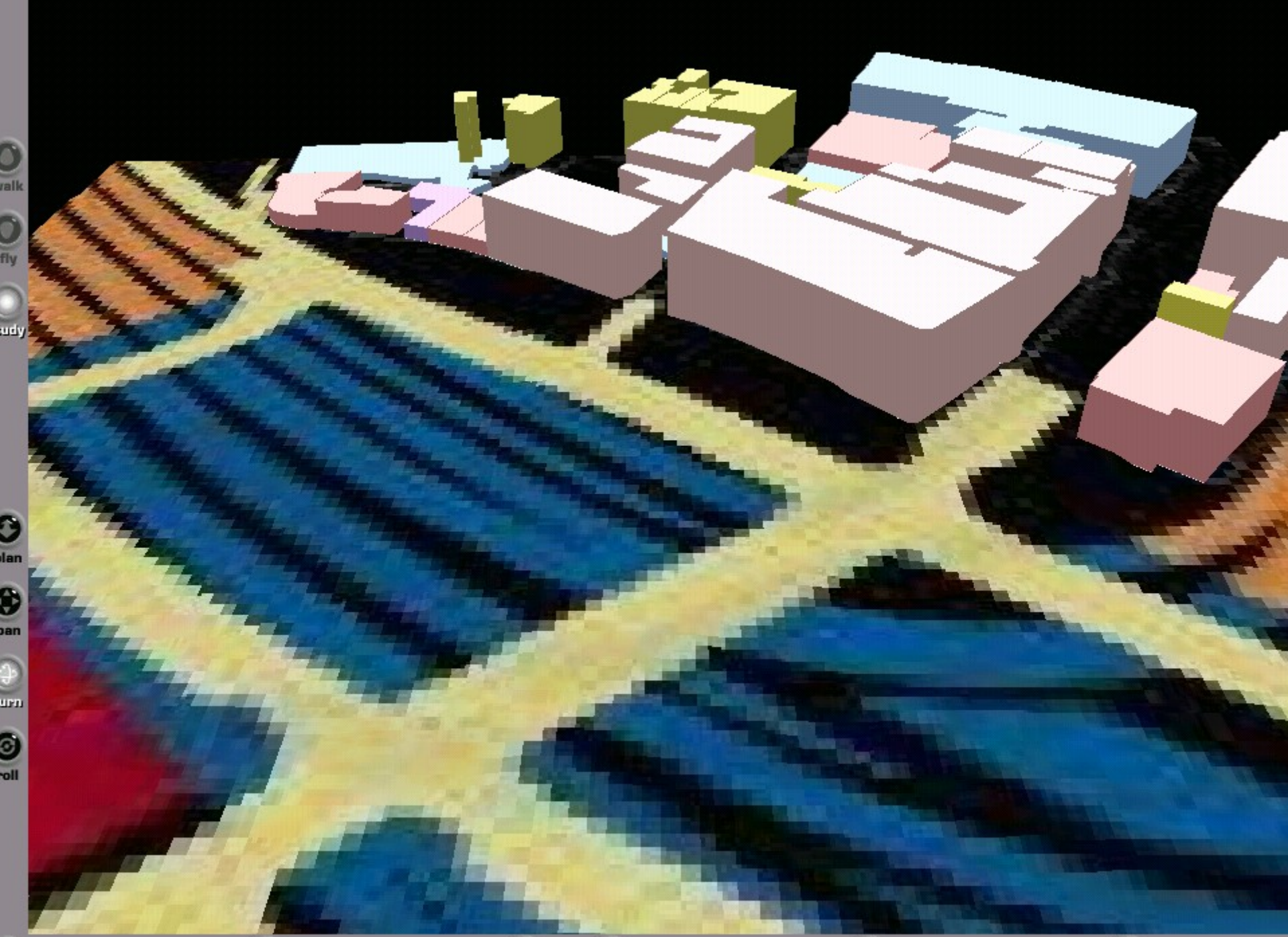
Middle Street
Clarke's
Burrel's
Butlers
93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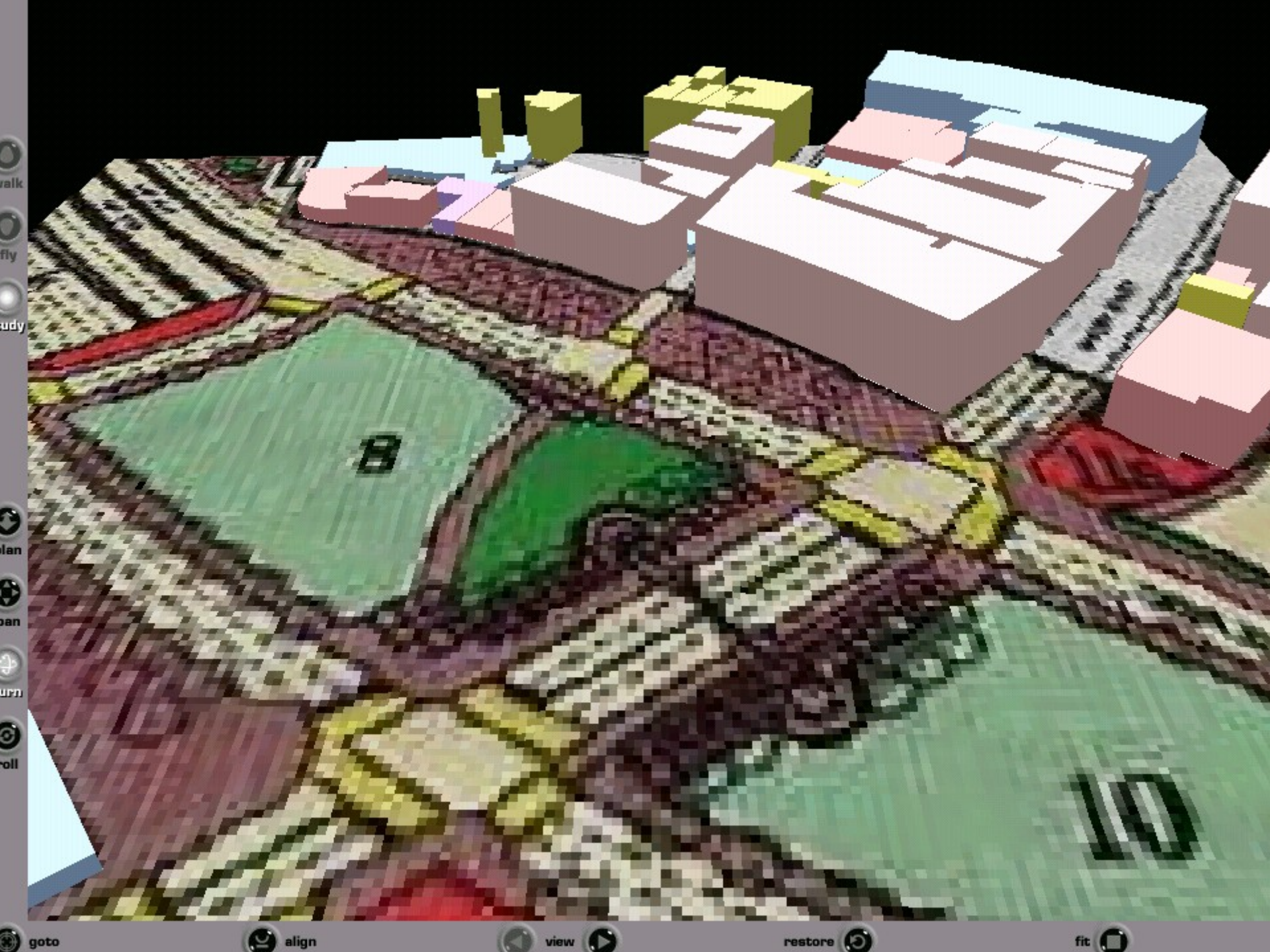
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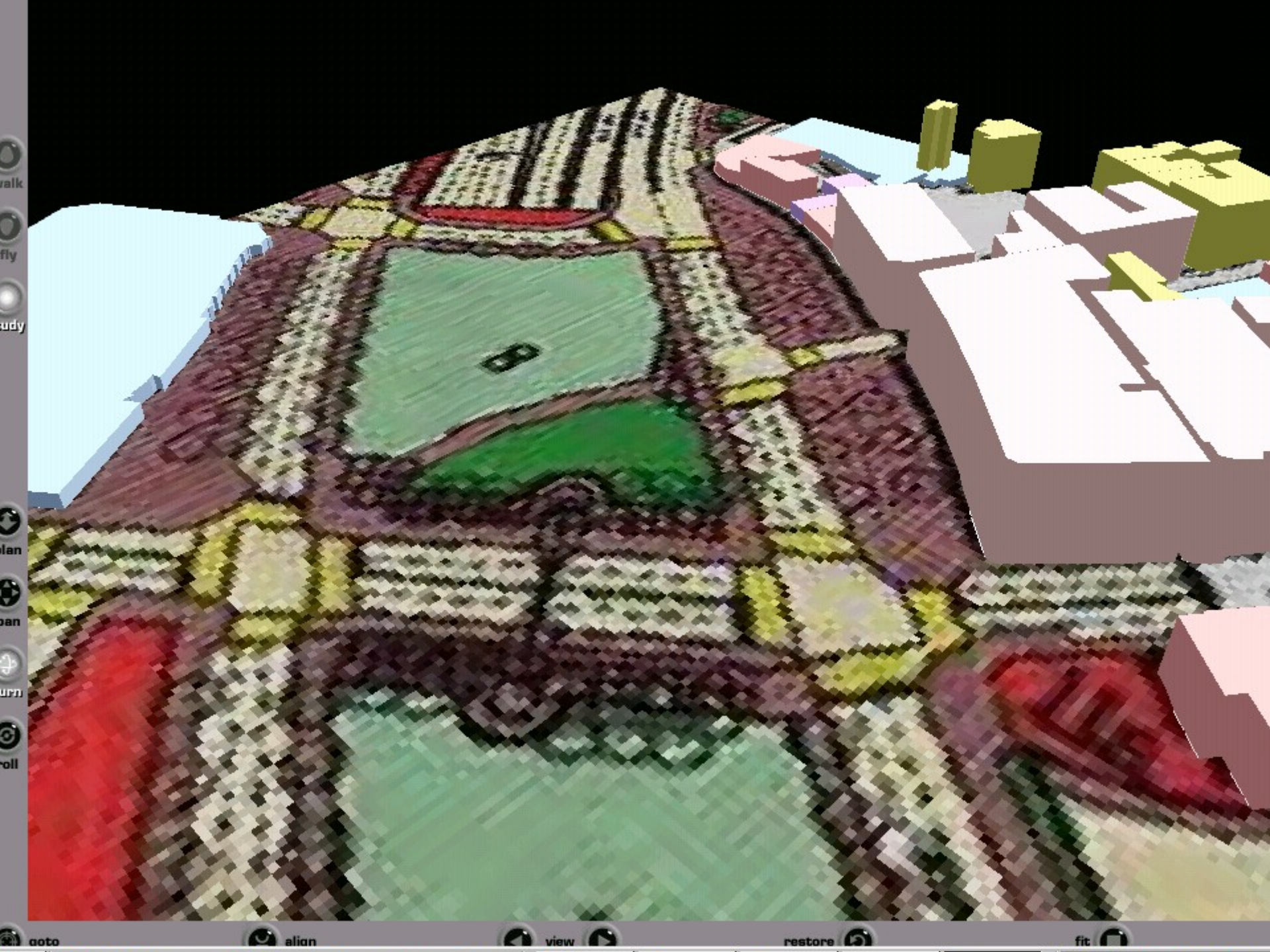
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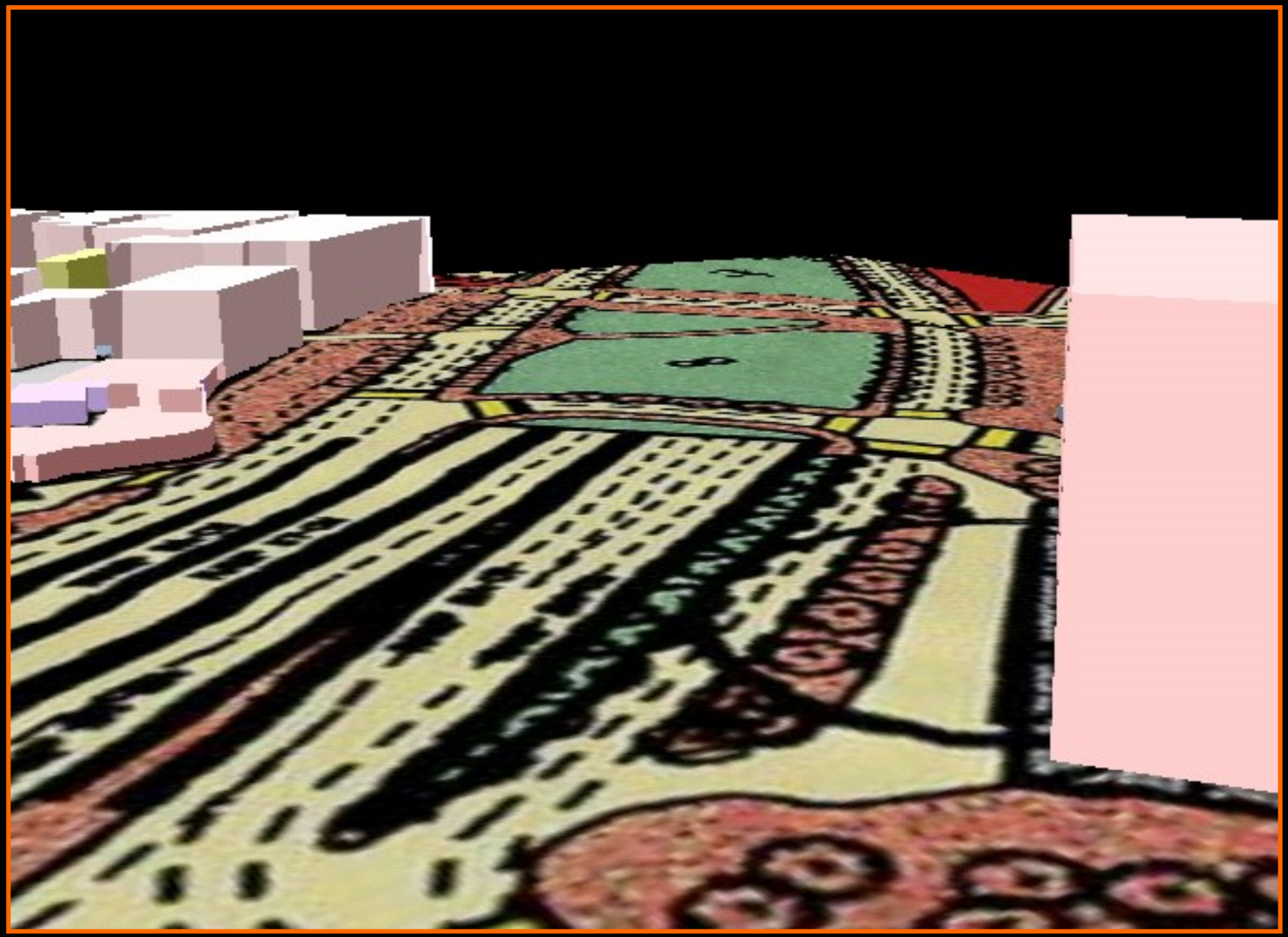
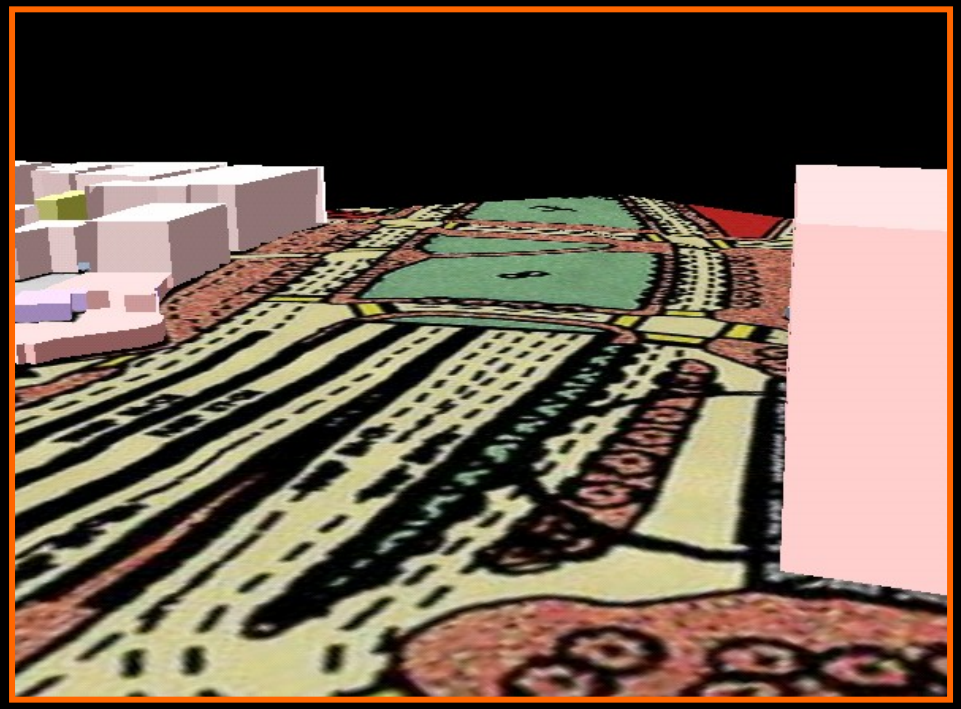
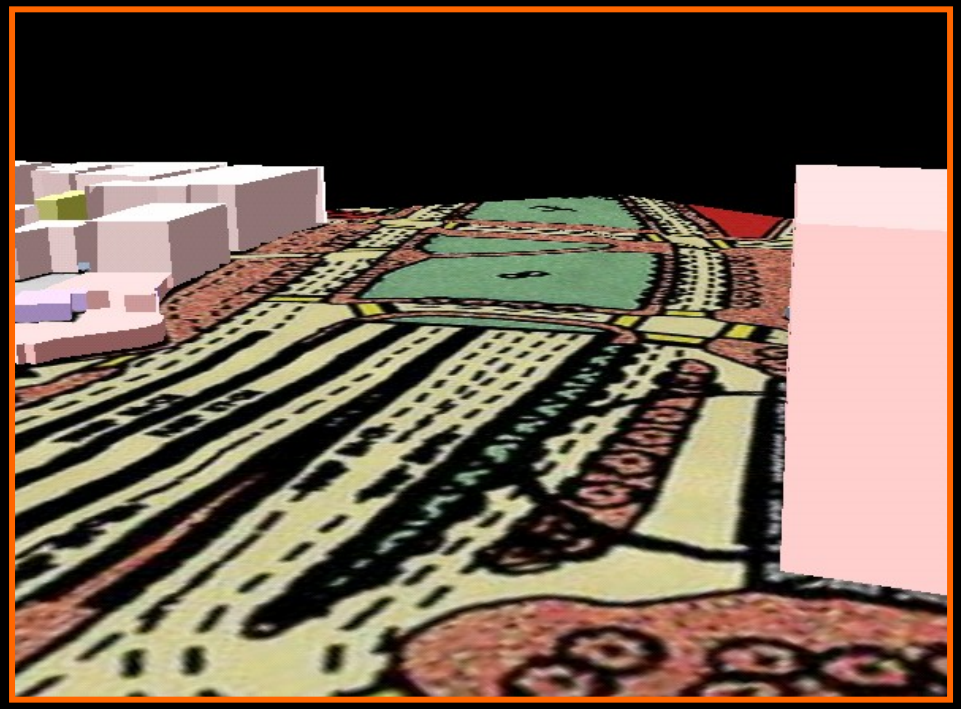
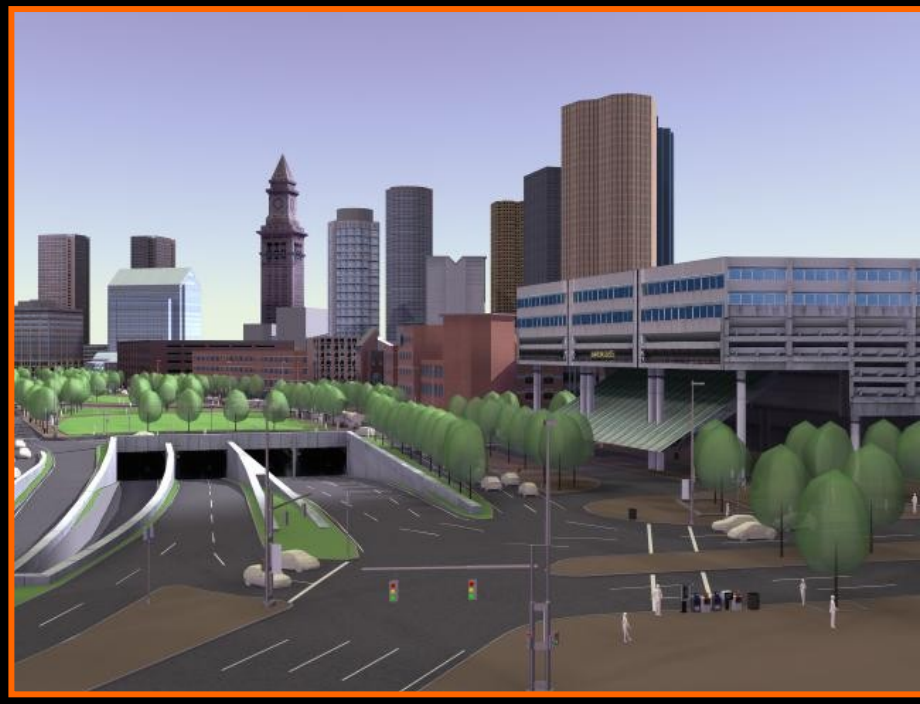
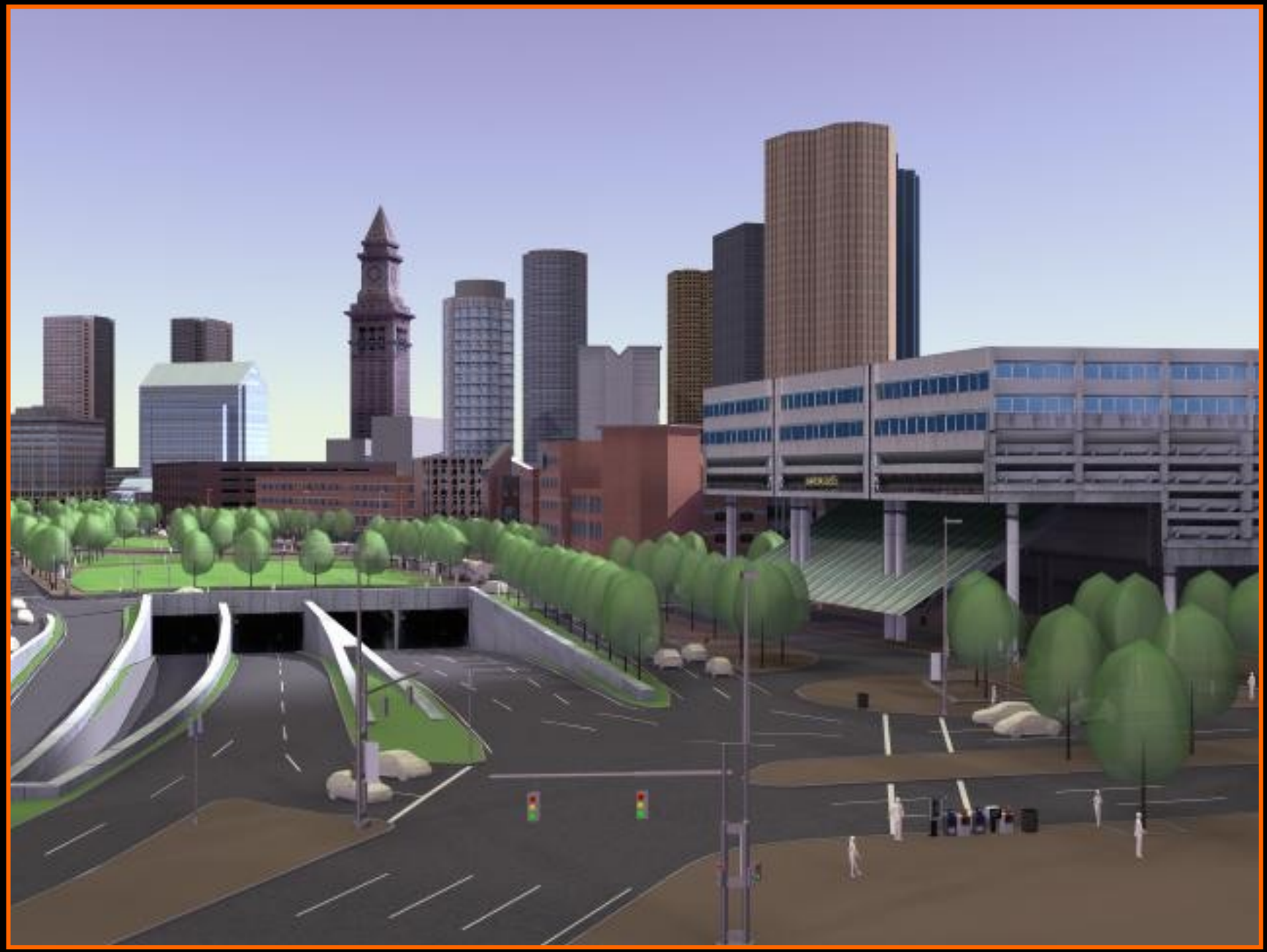


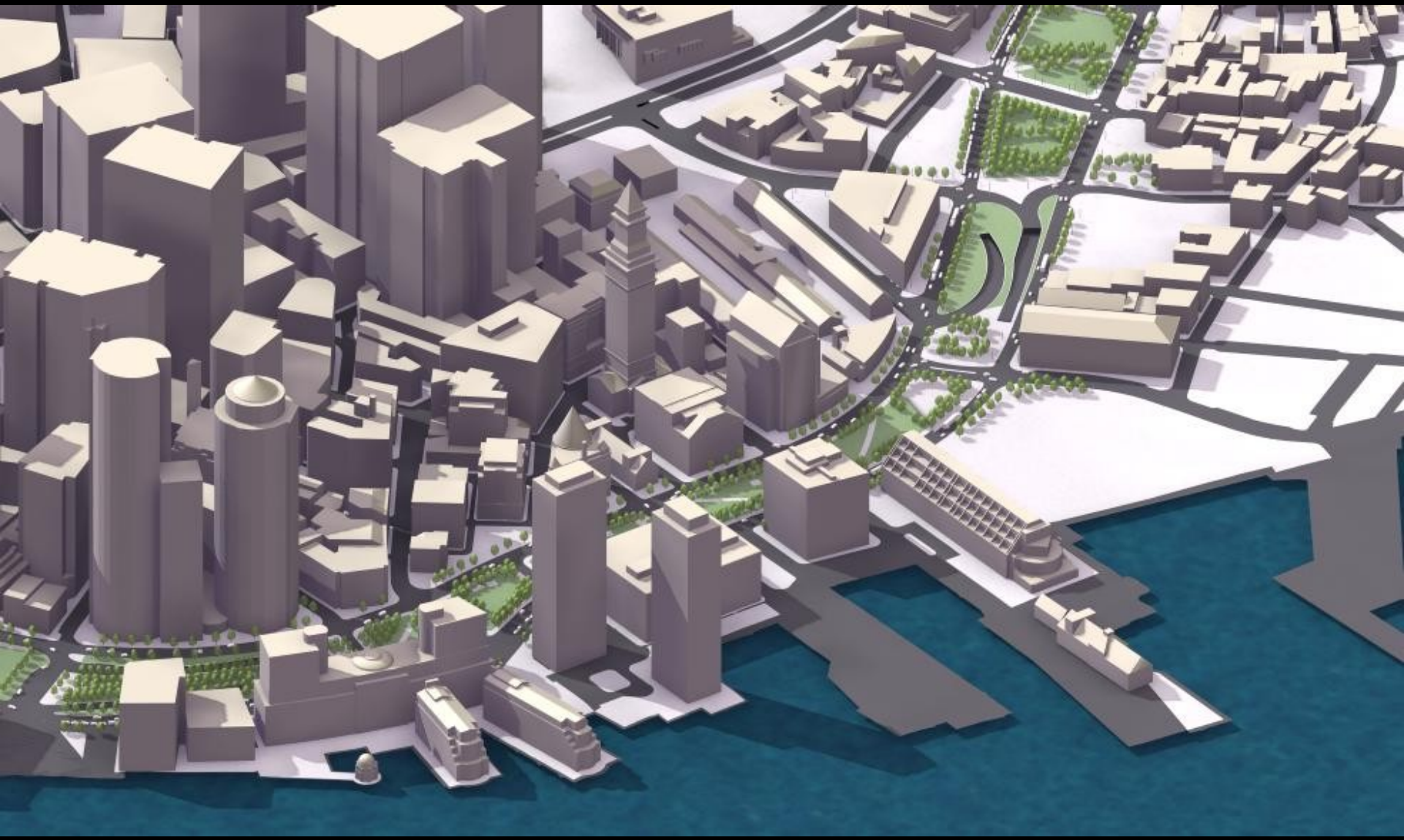






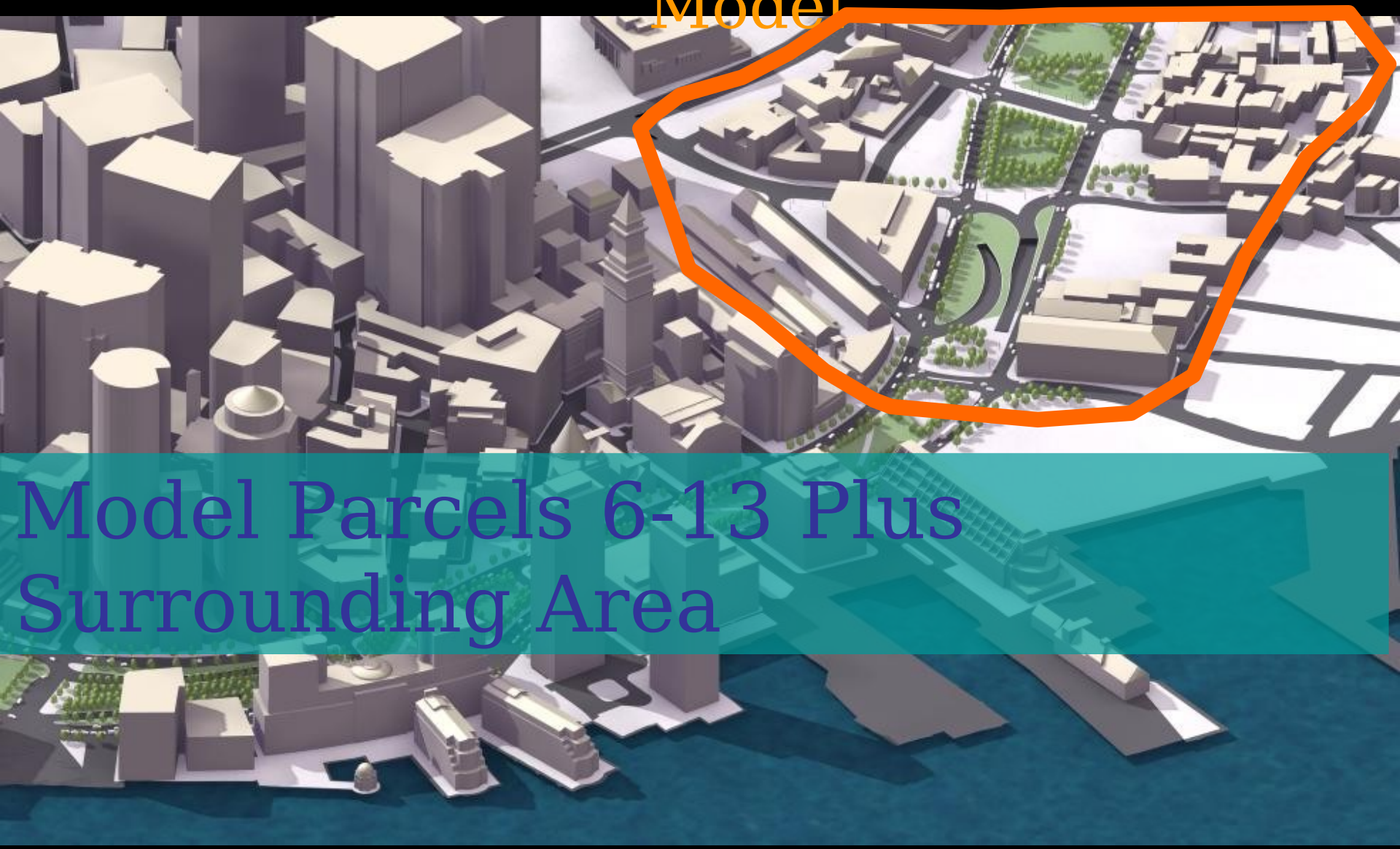


BRA 3D Planning Model



FutureBoston Detailed Design Model

FutureBoston Detailed Design Model



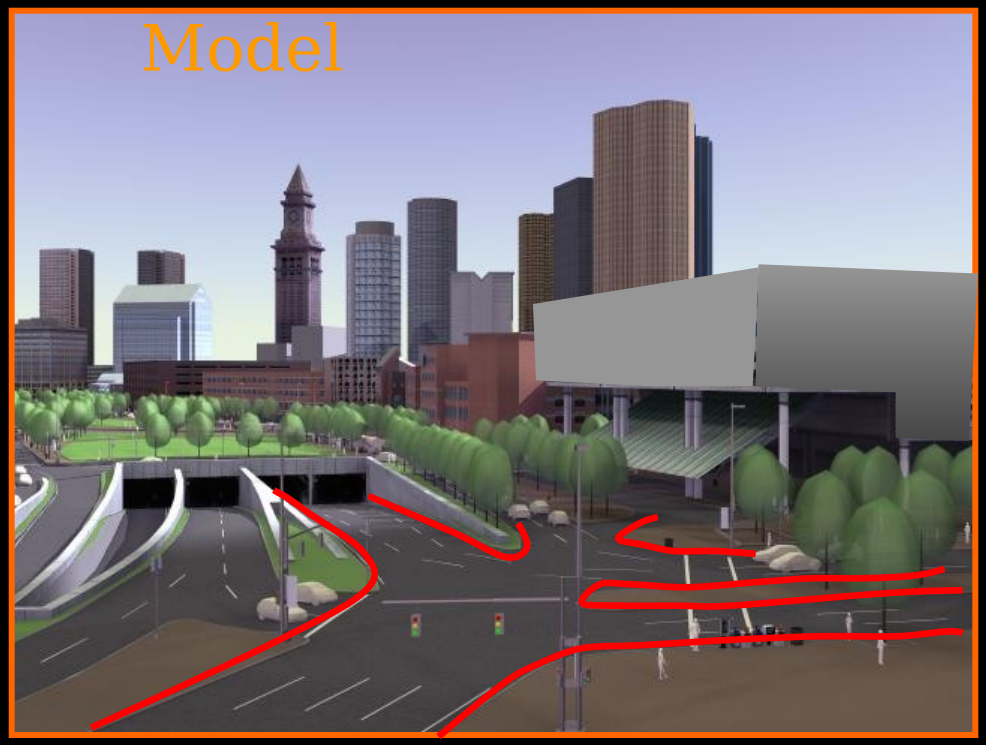
Model Parcels 6-13 Plus Surrounding Area

Photo Realistic 3D Model

Photo Realistic 3D Model

Detailed Road Placeme

Photo Realistic 3D Model



Detailed Road Placeme

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Faces

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Faces

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Faces

Photo Realistic 3D Model

Detailed Road Placement

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Photographic Building Faces

Accurate Tree Placement

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Fac

Accurate Tree Placement

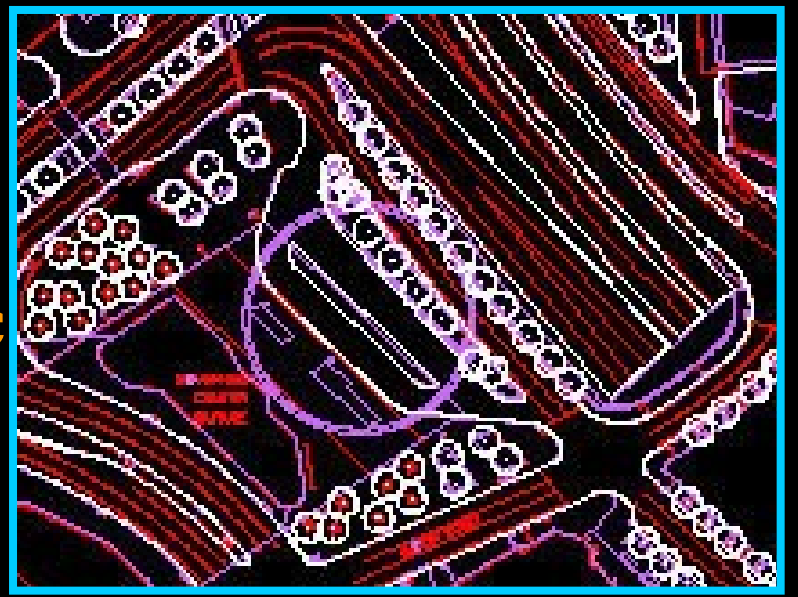

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Faces

Accurate Tree Placement

Photo Realistic 3D Model

Detailed Road Placement

Accurate Building Shape

Photographic Building Faces

Accurate Tree Placement

Accurate Finished Terrain

Photo Realistic 3D Model

Detailed Road Placeme

Accurate Building Shap

Photographic Building

Accurate Tree Placeme

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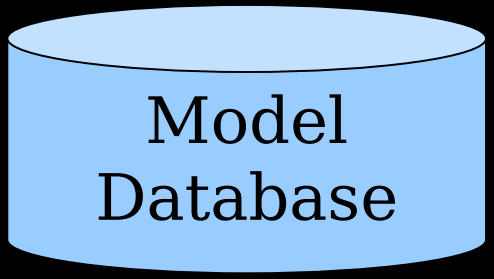
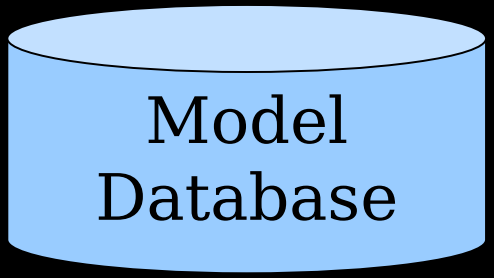
Autodesk VIZ


Model
Database



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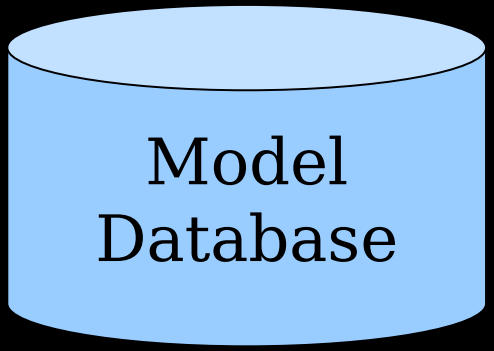
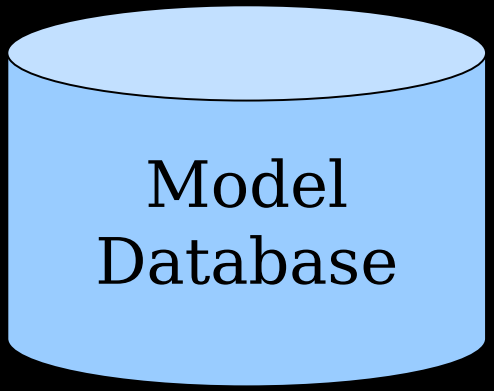


Roads

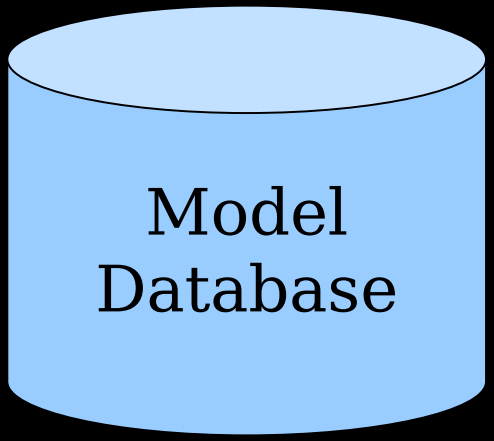
Terrain



Sidewalks

Roads

Terrain

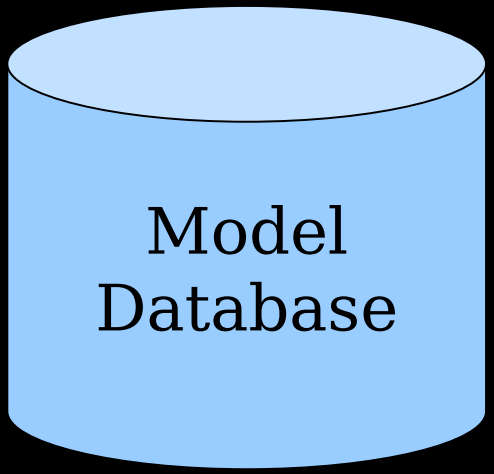


Buildings

Sidewalks

Roads

Terrain



- Bldg Faces
- Buildings
- Sidewalks
- Roads
- Terrain

Street Lights

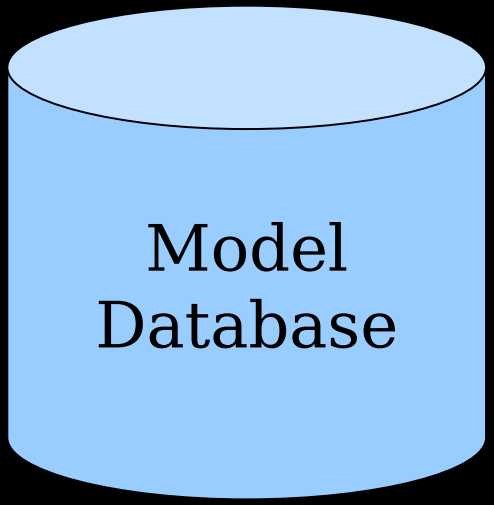
Bldg Faces

Buildings

Sidewalks

Roads

Terrain



Cars & Truck

Street Lights

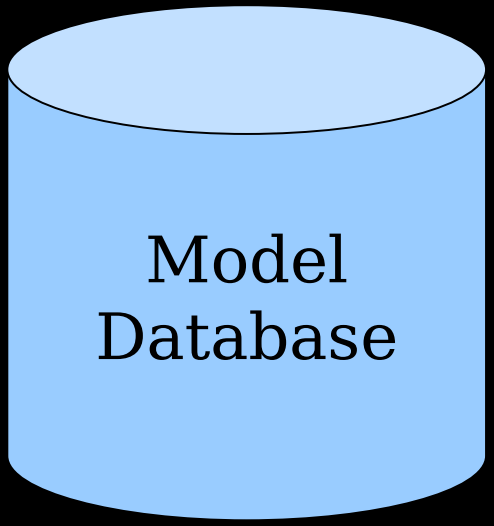
Bldg Faces

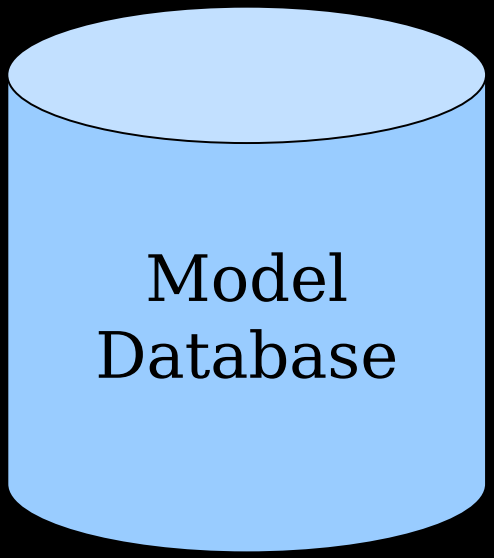
Buildings

Sidewalks

Roads

Terrain





- Trees
- Cars & Trucks
- Street Lights
- Bldg Faces
- Buildings
- Sidewalks
- Roads
- Terrain

- Trees
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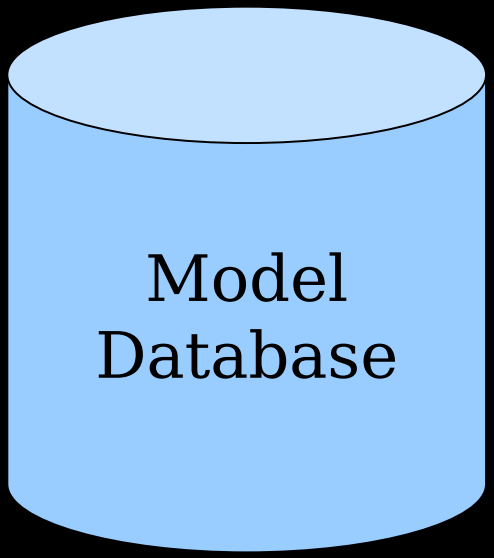

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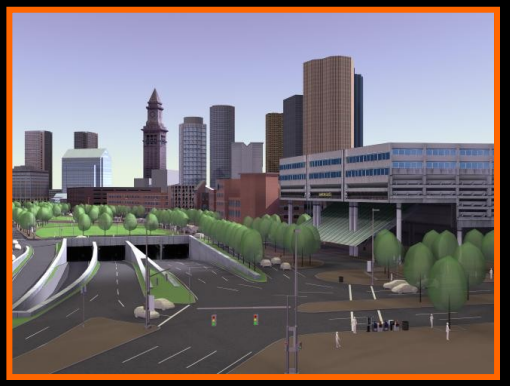


Renderings

Autodesk VIZ

Trees

Cars & Trucks

Street Lights

Bldg Faces

Buildings

Sidewalks

Roads

Terrain

Model
Database

Trees

Cars & Truck

Street Lights

Bldg Faces

Buildings

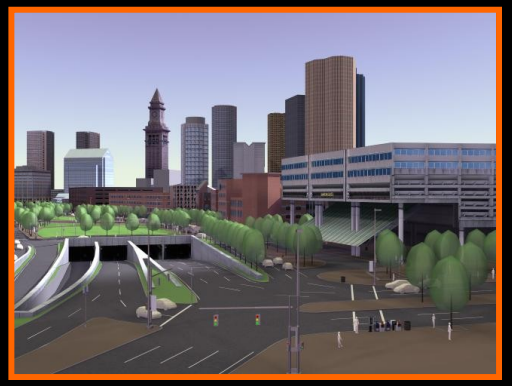
Sidewalks

Roads

Terrain

Autodesk VIZ

Model Database



Renderings

3d Movies

Trees

Cars & Trucks

Street Lights

Bldg Faces

Buildings

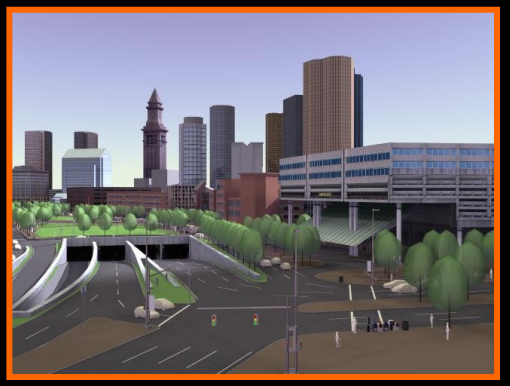
Sidewalks

Roads

Terrain

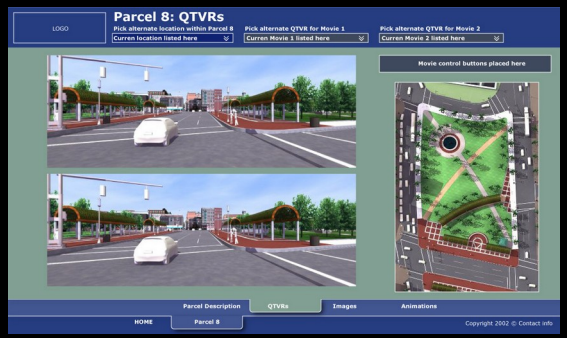
Autodesk VIZ

Model Database

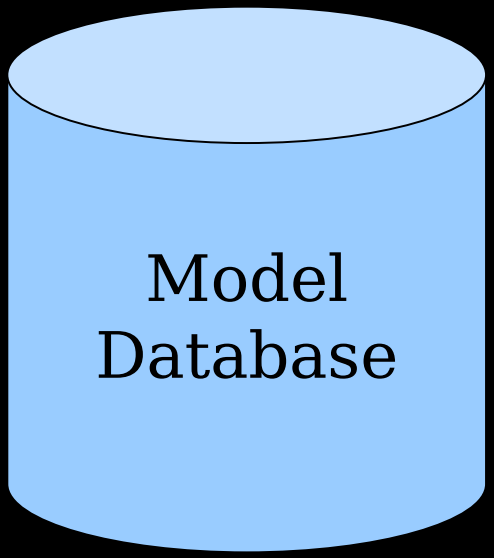


Renderings

3d Movies



Web-Based Comparison



- Trees
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- Street Lights
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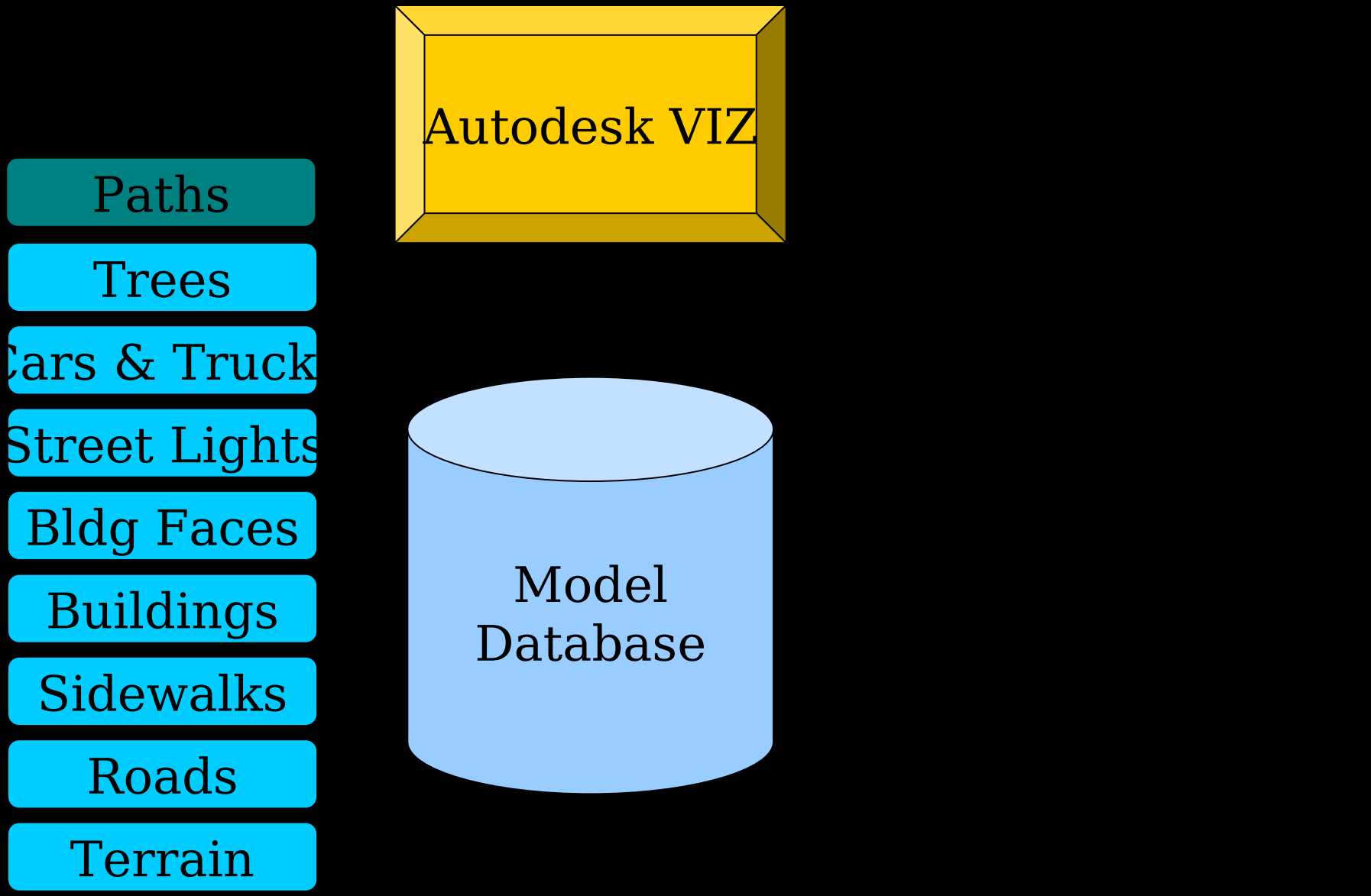
Autodesk VIZ
Paths
Trees
Cars & Truck
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Bldg Faces
Buildings
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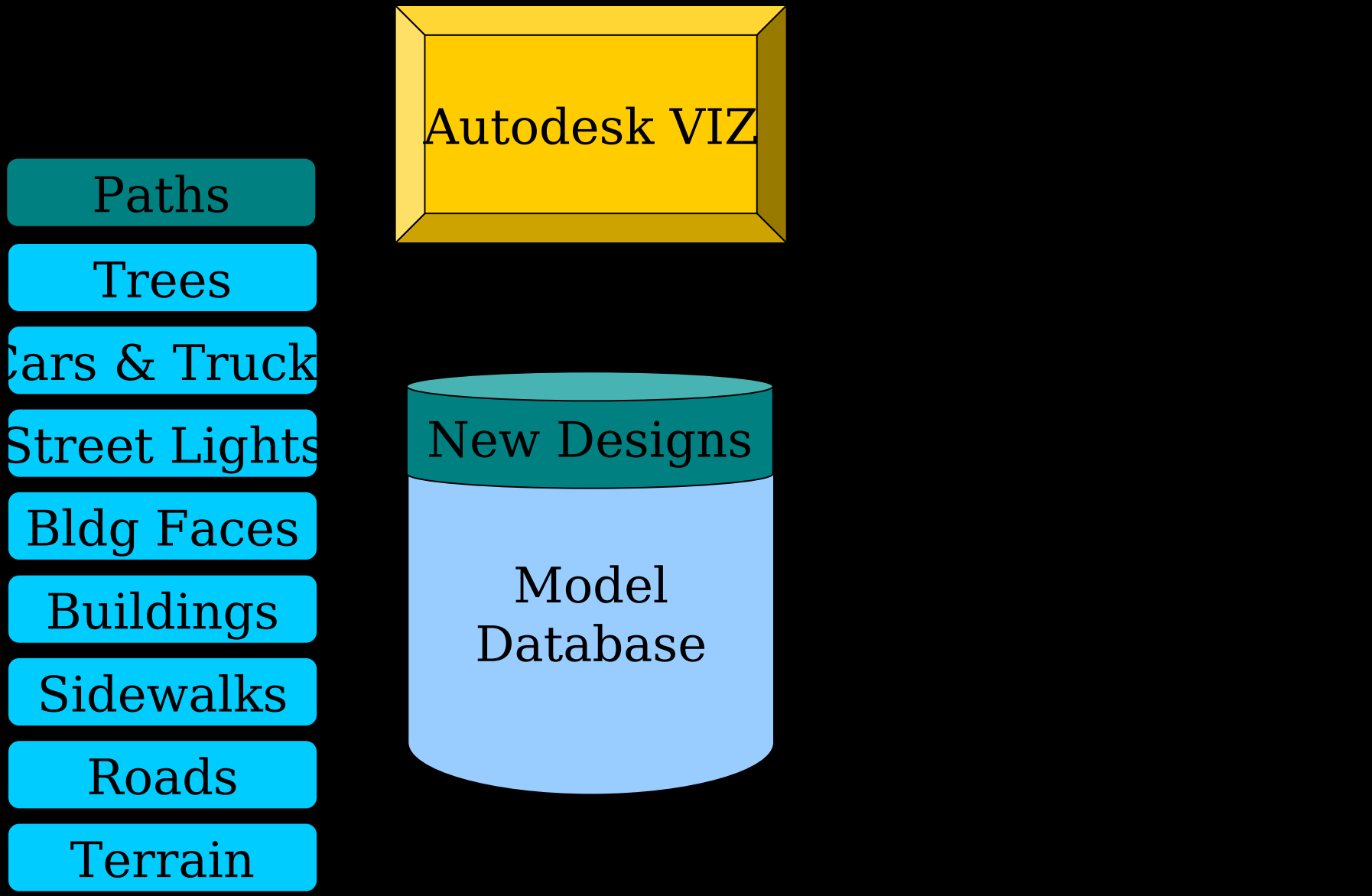
Roads
Terrain
Model
Database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New Designs
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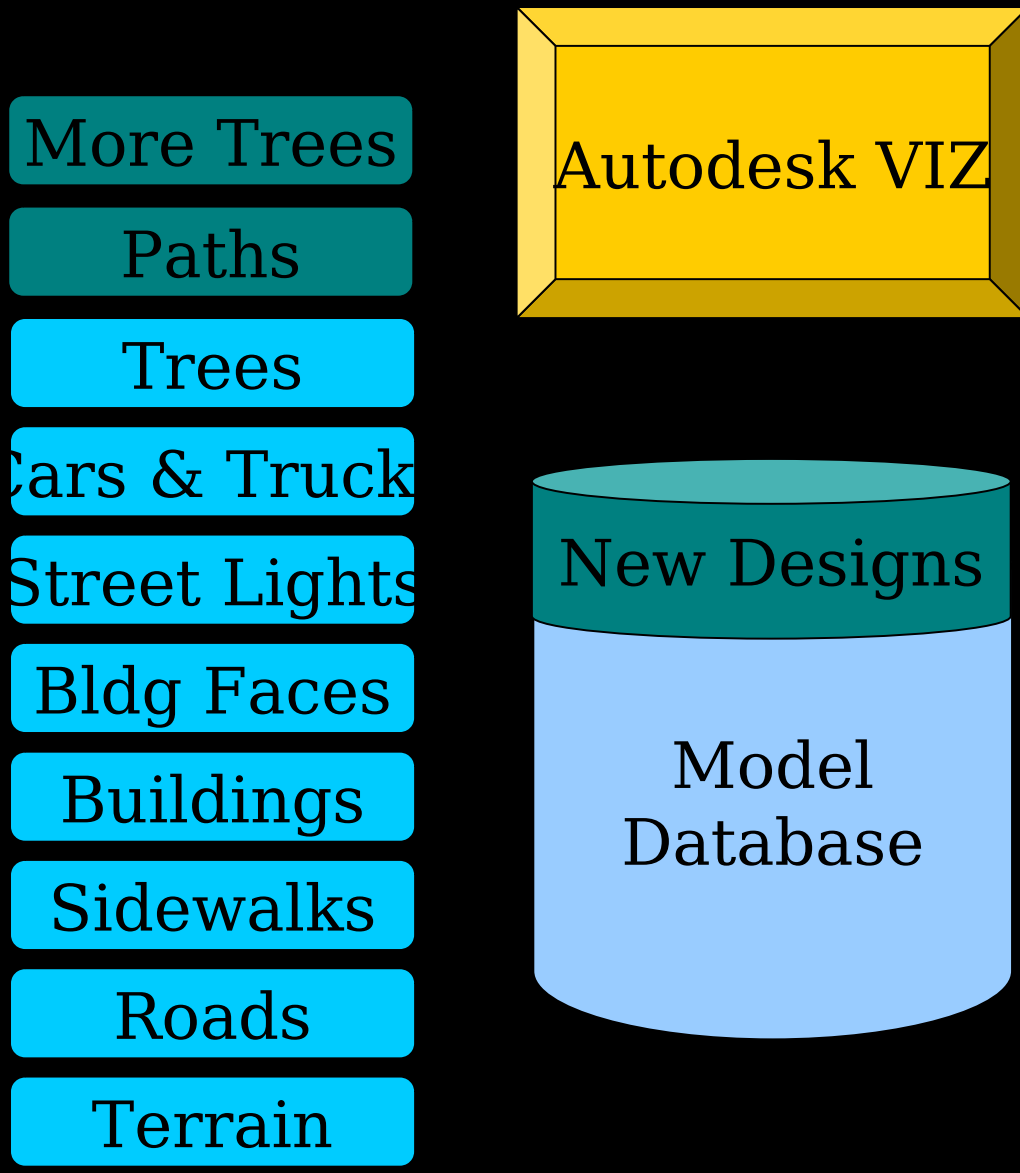
Database


More Trees
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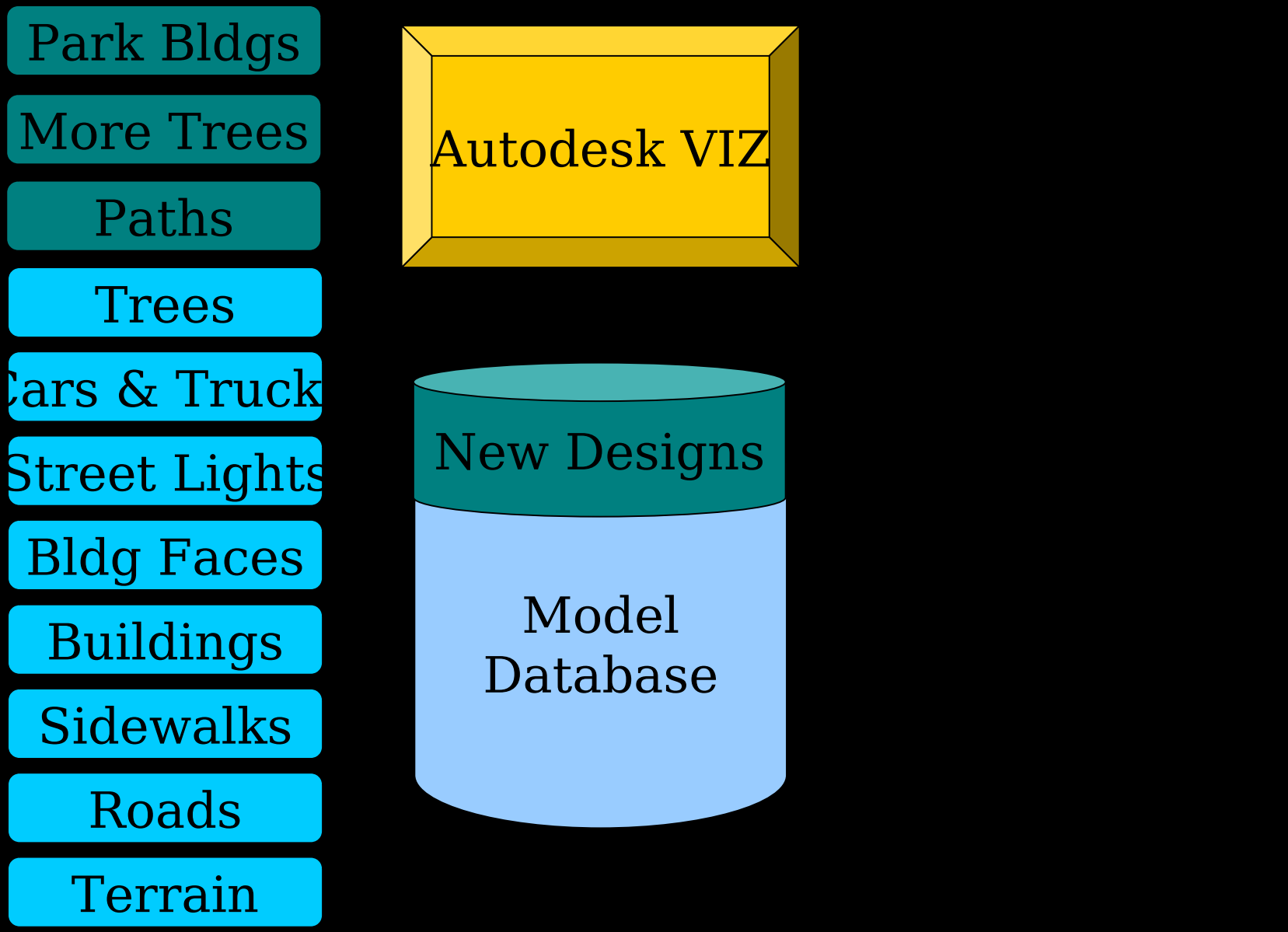
Autodesk VIZ
New Designs
Model
Database


Park Bldgs
More Trees
Paths
Trees
Cars & Truck
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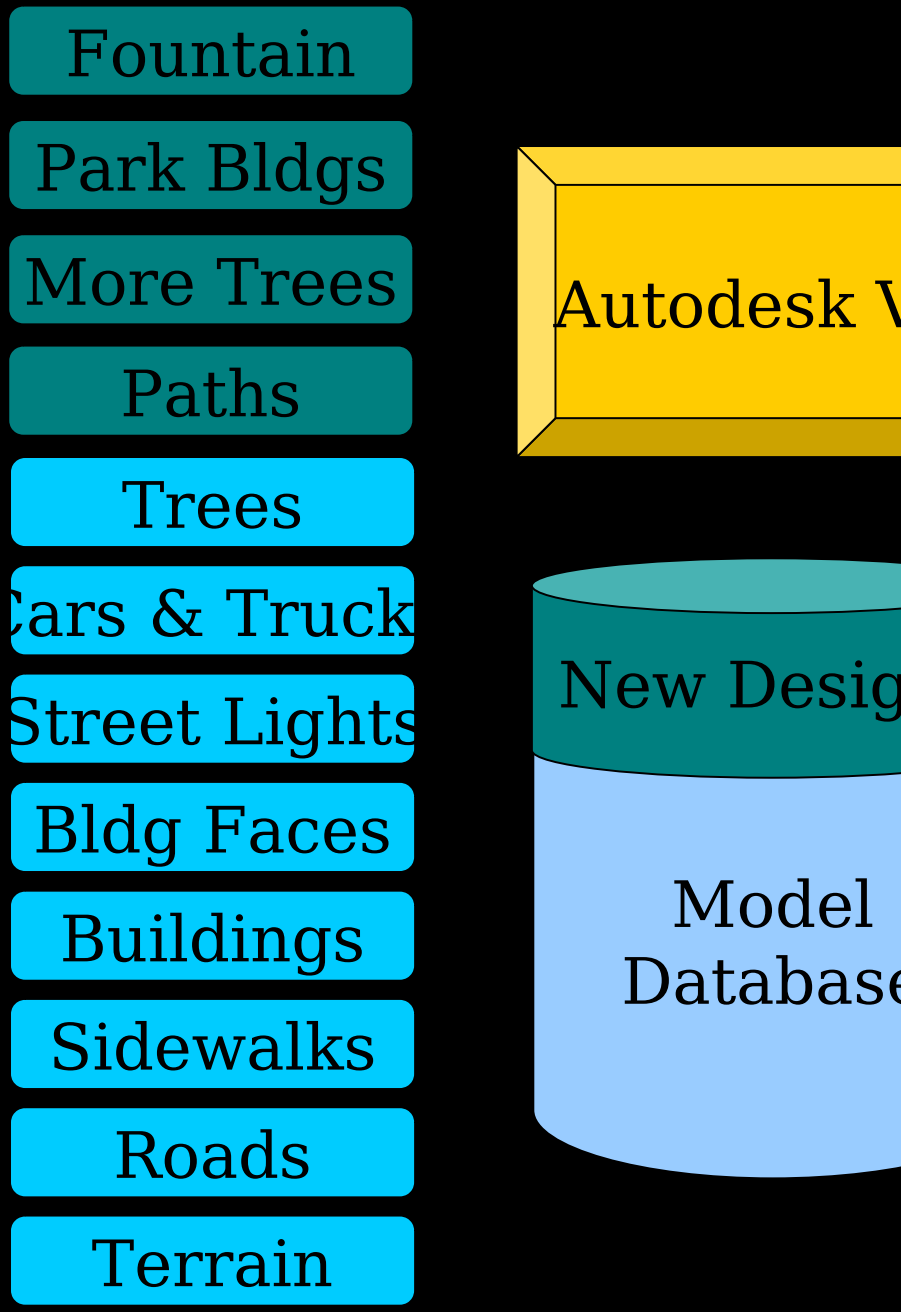
Fountain
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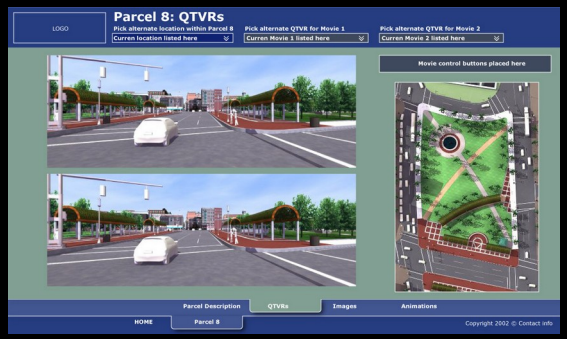
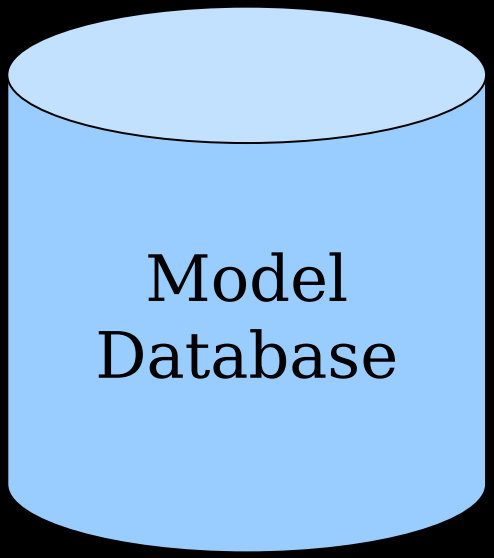
Renderings

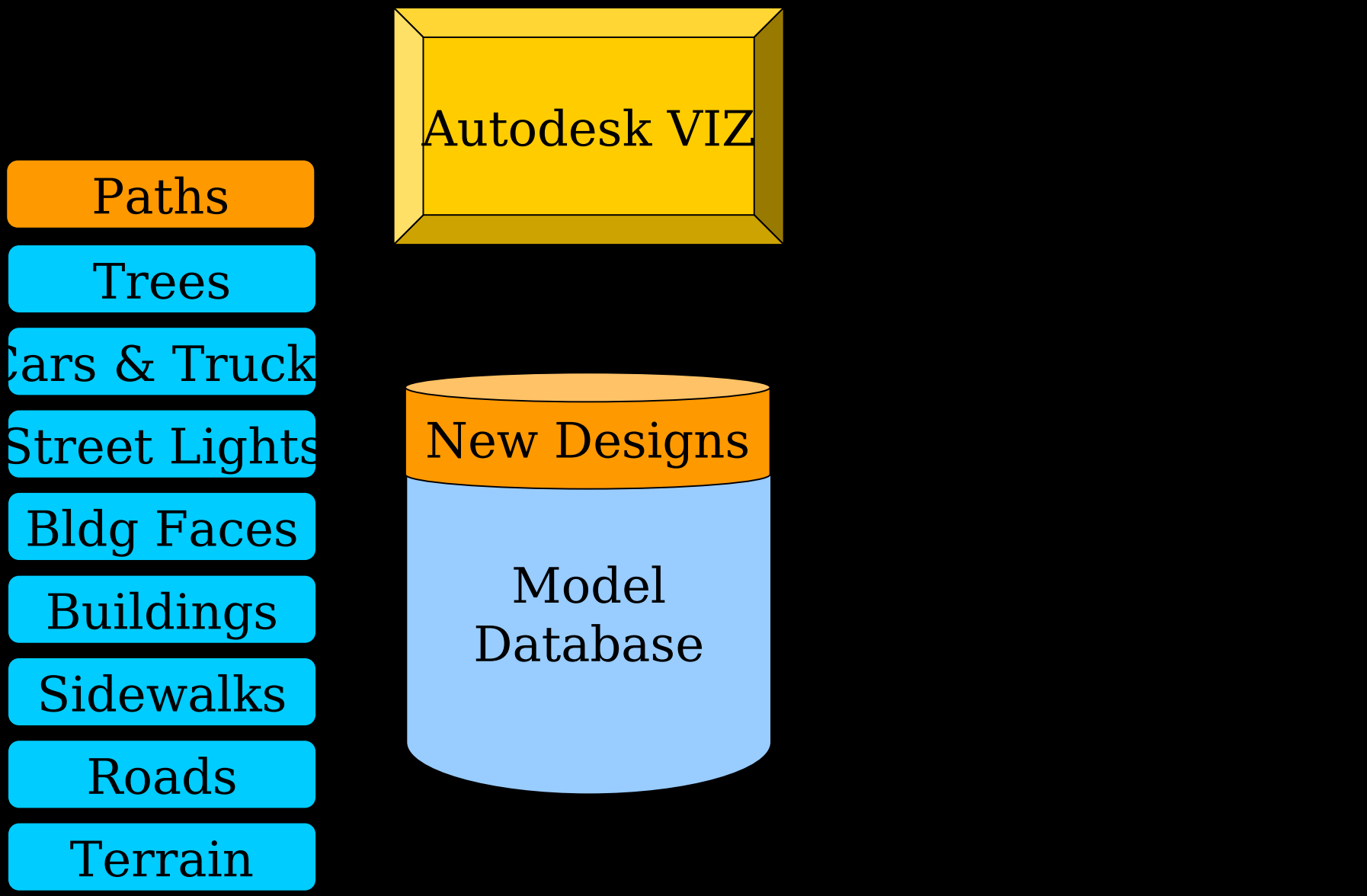
3d Movies

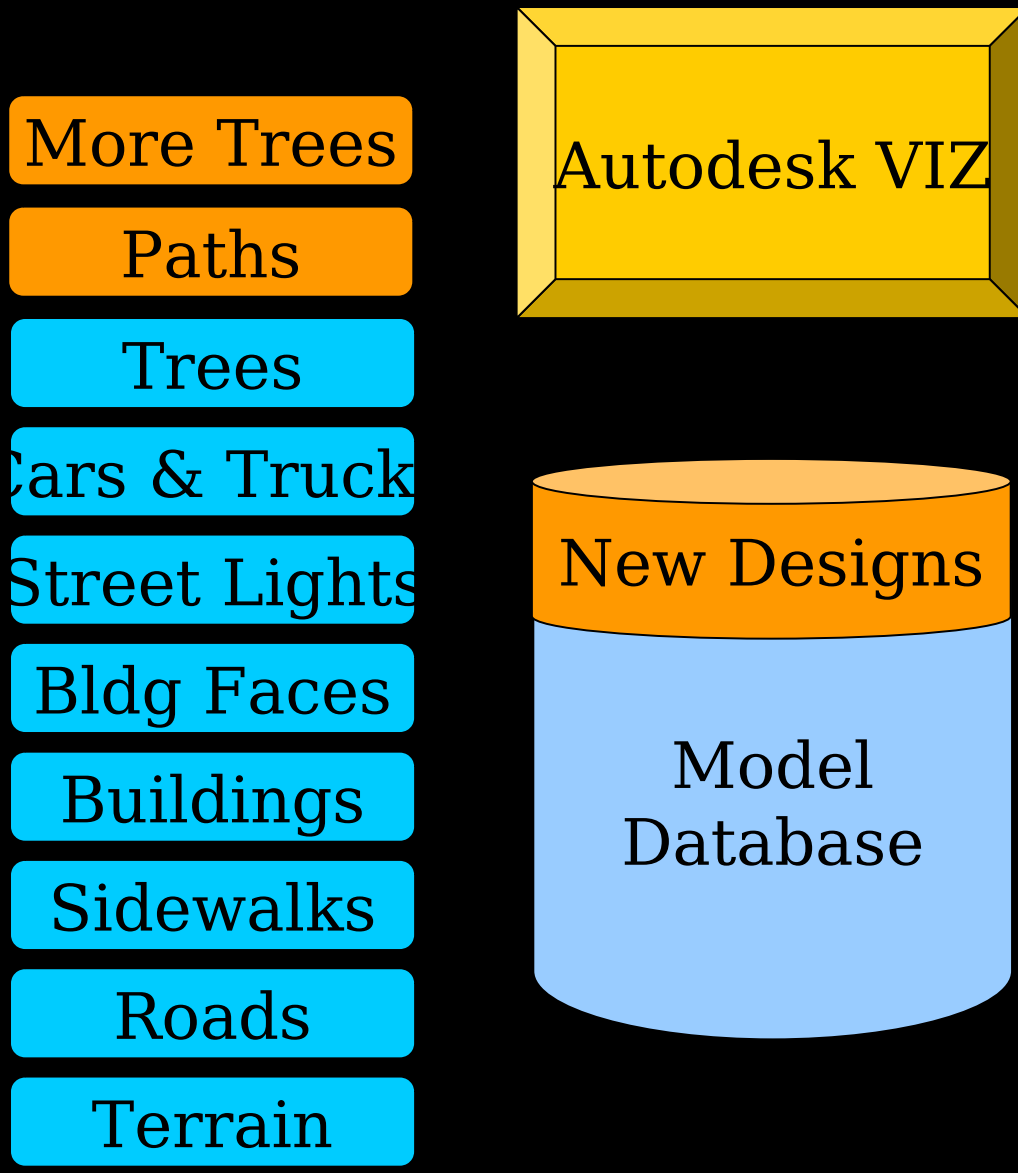


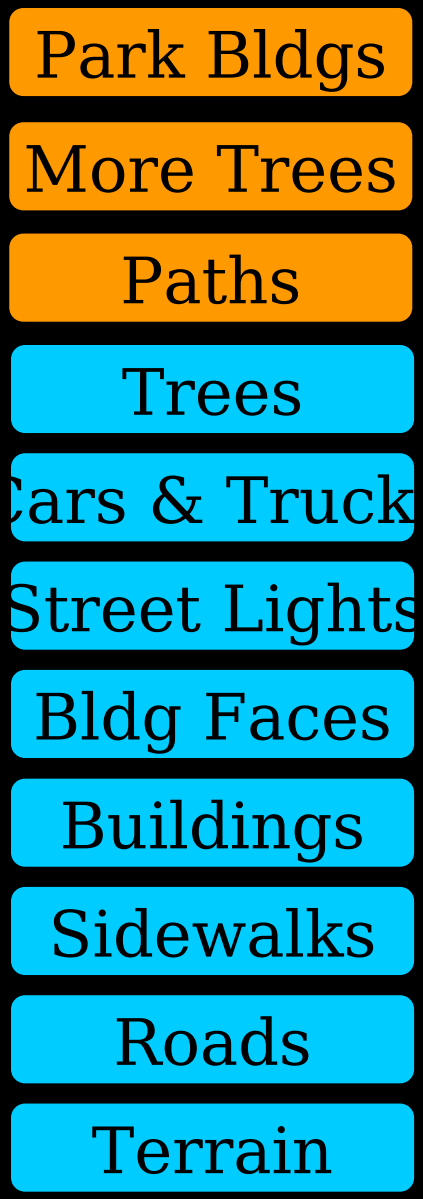
Web-Based Comparison



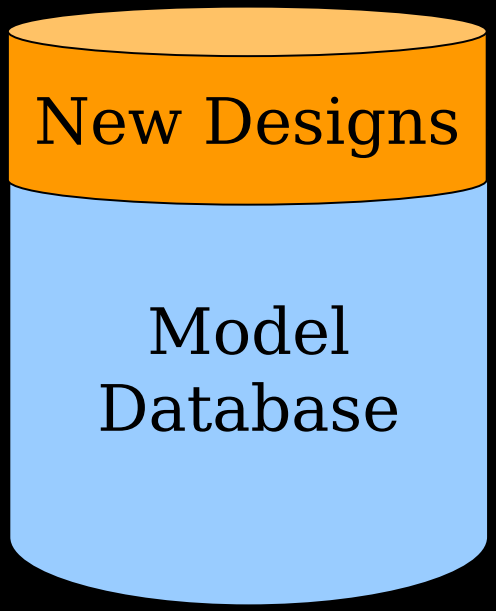
- Trees
- Cars & Trucks
- Street Lights
- Bldg Faces
- Buildings
- Sidewalks
- Roads
- Terrain


Autodesk VIZ
Paths
Trees
Cars & Trucks
Street Lights
Bldg Faces
Buildings
Sidewalks
Roads
Terrain
New Designs
Model
Database


More Trees
Paths
Trees
Cars & Trucks
Street Lights
Bldg Faces
Buildings
Sidewalks
Roads
Terrain
Autodesk VIZ
New Designs
Model
Database


Park Bldgs
More Trees
Paths
Trees
Cars & Truck
Street Lights
Bldg Faces
Buildings
Sidewalks
Roads
Terrain

Autodesk VIZ


New Designs
Model
Database

Fountain

Park Bldgs

More Trees

Paths

Trees

Cars & Trucks

Street Lights

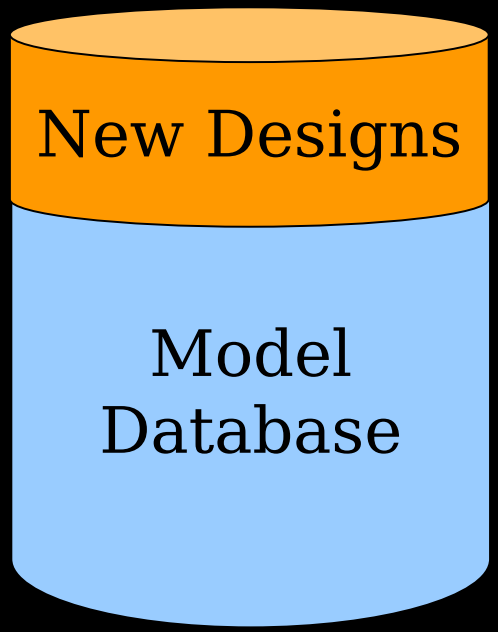
Bldg Faces

Buildings

Sidewalks

Roads

Terrain



Fountain

Park Bldgs

More Trees

Paths

Trees

Cars & Trucks

Street Lights

Bldg Faces

Buildings

Sidewalks

Roads

Terrain

Autodesk VIZ

New Designs

Model Database

Renderings

Fountain

Park Bldgs

More Trees

Paths

Trees

Cars & Trucks

Street Lights

Bldg Faces

Buildings

Sidewalks

Roads

Terrain

Autodesk VIZ

New Designs

Model Database

Renderings

3d Movies

Fountain

Park Bldgs

More Trees

Paths

Trees

Cars & Truck

Street Lights

Bldg Faces

Buildings

Sidewalks

Roads

Terrain

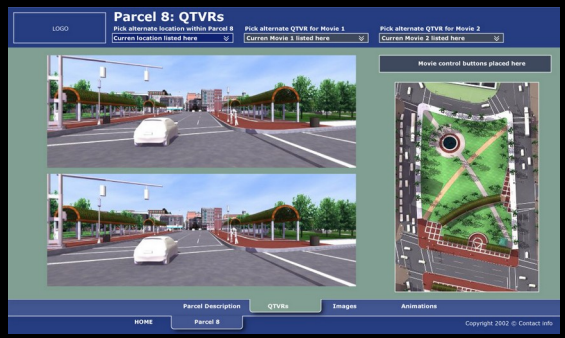
Autodesk VIZ

New Designs

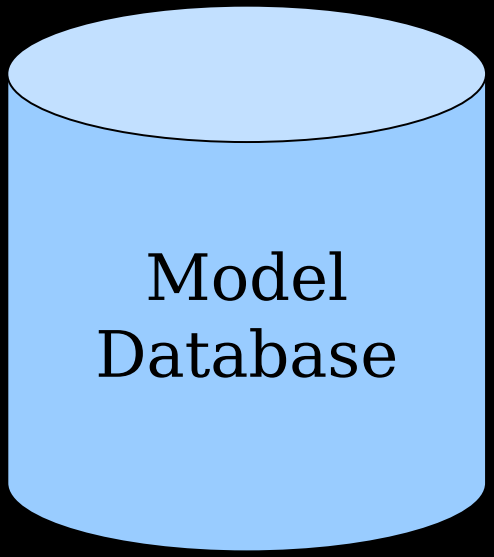
Model Database

Renderings

3d Movies



Web-Based Comparison



Distribute for free to designers

2a
2b
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2a
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2a
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11b
9
12

Parcels 8 and 10

CAMERA 201S

SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

Street Level Future

CAMERA 204P

Future - Winter

Existing

Future - Summer

Parcels 8 and 10

CAMERA 201S

SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

Street Level Future

CAMERA 204P

Future - Winter

Existing

Future - Summer

Parcels 8 and 10

CAMERA 201S

SouthBound Current

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SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

Street Level Future

CAMERA 204P

Future - Winter

Existing

Future - Summer

Parcels 8 and 10

CAMERA 201S

SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

Street Level Future

CAMERA 204P

Future - Winter

Existing

Future - Summer

To Understand
we need to
Compare

Parcels 8 and 10

CAMERA 201S

SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

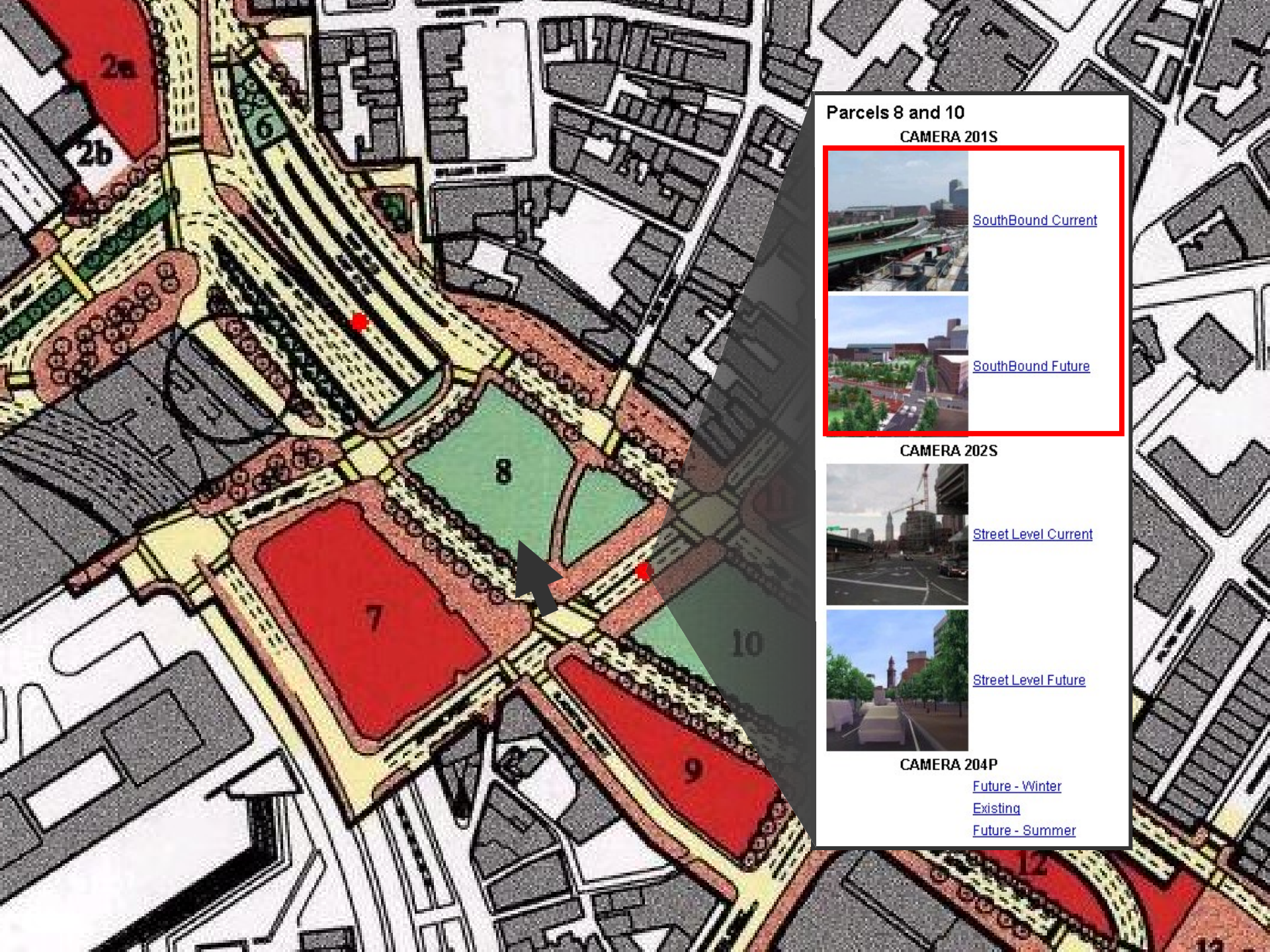
Street Level Future

CAMERA 204P

Future - Winter

Existing

Future - Summer



Parcels 8 and 10

CAMERA 201S

SouthBound Current

SouthBound Future

CAMERA 202S

Street Level Current

Street Level Future

CAMERA 204P

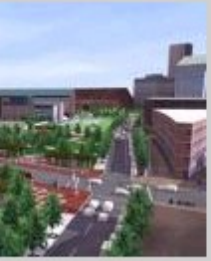
Future - Winter

Existing

Future - Summer

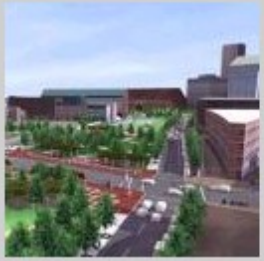
http://www.mapjunction.com/places/Boston_BRA/filecompare.pl?location=srcfiles/Parcels_8_and_10&category=CAMERA%202015

Go Links



SouthBound Current

SouthBound Future



File Name: SouthBound Current

Toggle Image

Internet

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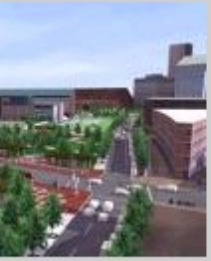
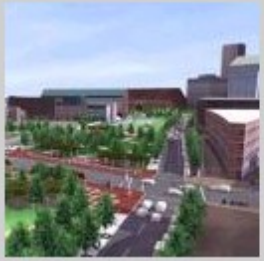


SouthBound Current

SouthBound Future



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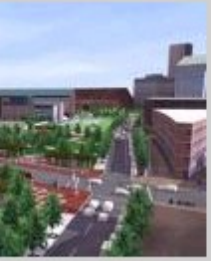

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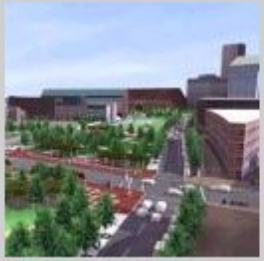
SouthBound Future



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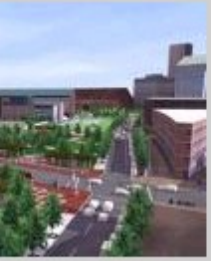

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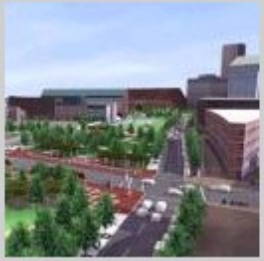
SouthBound Future



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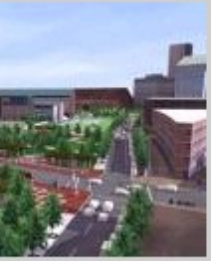

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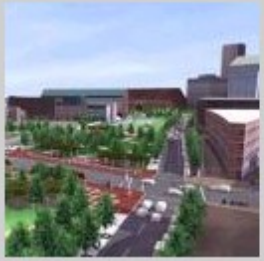

File Name: SouthBound Current

Toggle Image

Internet

To Understand
we need
Location

WEST END
NORTH STATION CAUSEWAY
CHARDON ST
SUDBURY ST
CONGRESS ST
ST. CITY HALL
COURT ST
MT. VERNON
BEACON
TRAFFIC TUNNELS
MBTA TUNNEL
LEWIS WHARF
COMMERCIAL WHARF
LONG WHARF
N.E. AQUARIUM
HARBOR TOWER
REWES WHARF
USCG
NORTH END PLGD
MDC DAM
NASHUA
PINCKNEY
GENERAL HOSPITAL

WEST END
NORTH STATION CAUSEWAY
CHARDON ST
SUDBURY
ST. CITY HALL
MT. VERNON
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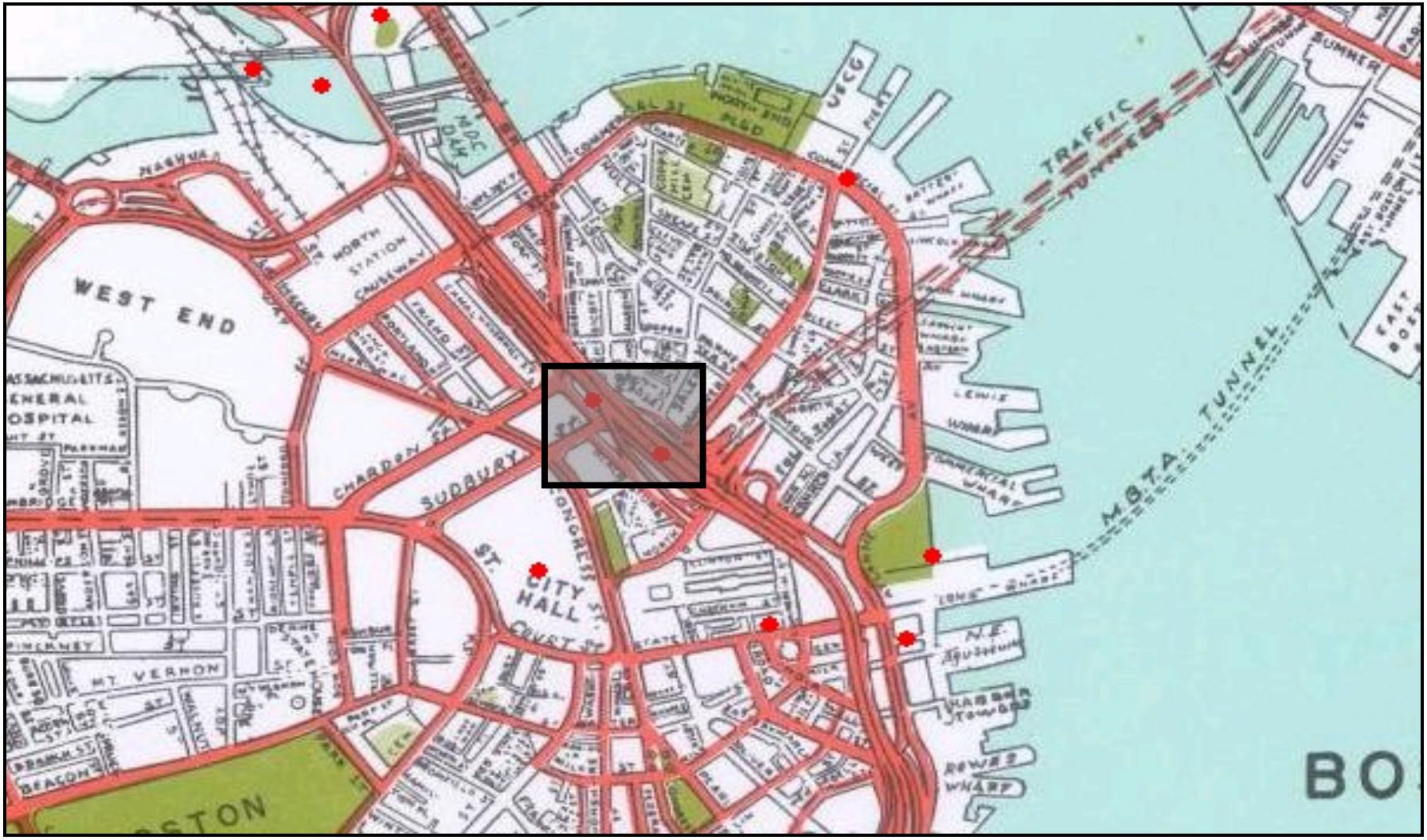
MBTA TUNNEL
LEWIS WHARF
REWES WHARF


WEST END
NORTH STATION CAUSEWAY
CHARDON ST
SUDBURY
CITY HALL
MT. VERNON
TRAFFIC TUNNELS
MBTA TUNNEL
SUMMER
MILL ST
LEWIS WHARF
COMMERCIAL WHARF
ROWES WHARF
BEACON
BO

WEST END
NORTH STATION
CAUSEWAY
CHARDON ST
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ST
CITY HALL
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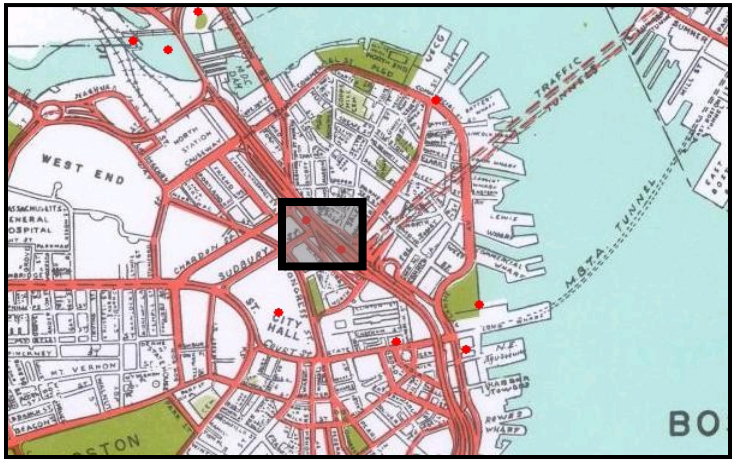
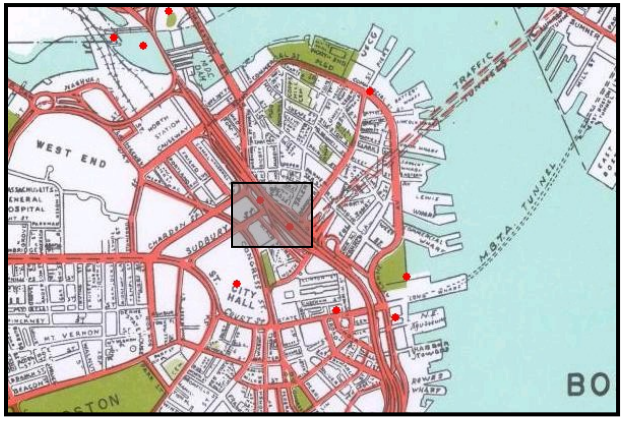
TRAFFIC
TUNNEL
M.B.T.A. TUNNEL
BO


WEST END
TRAFFIC TUNNEL
MBTA TUNNEL
CITY HALL
BO


WEST END
CITY HALL
MBTA TUNNEL
TRAFFIC TUNNEL
BO

WEST END
MBTA
TUNNEL
BO

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File Name: SouthBound Current

Toggle Image

Internet

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WEST END
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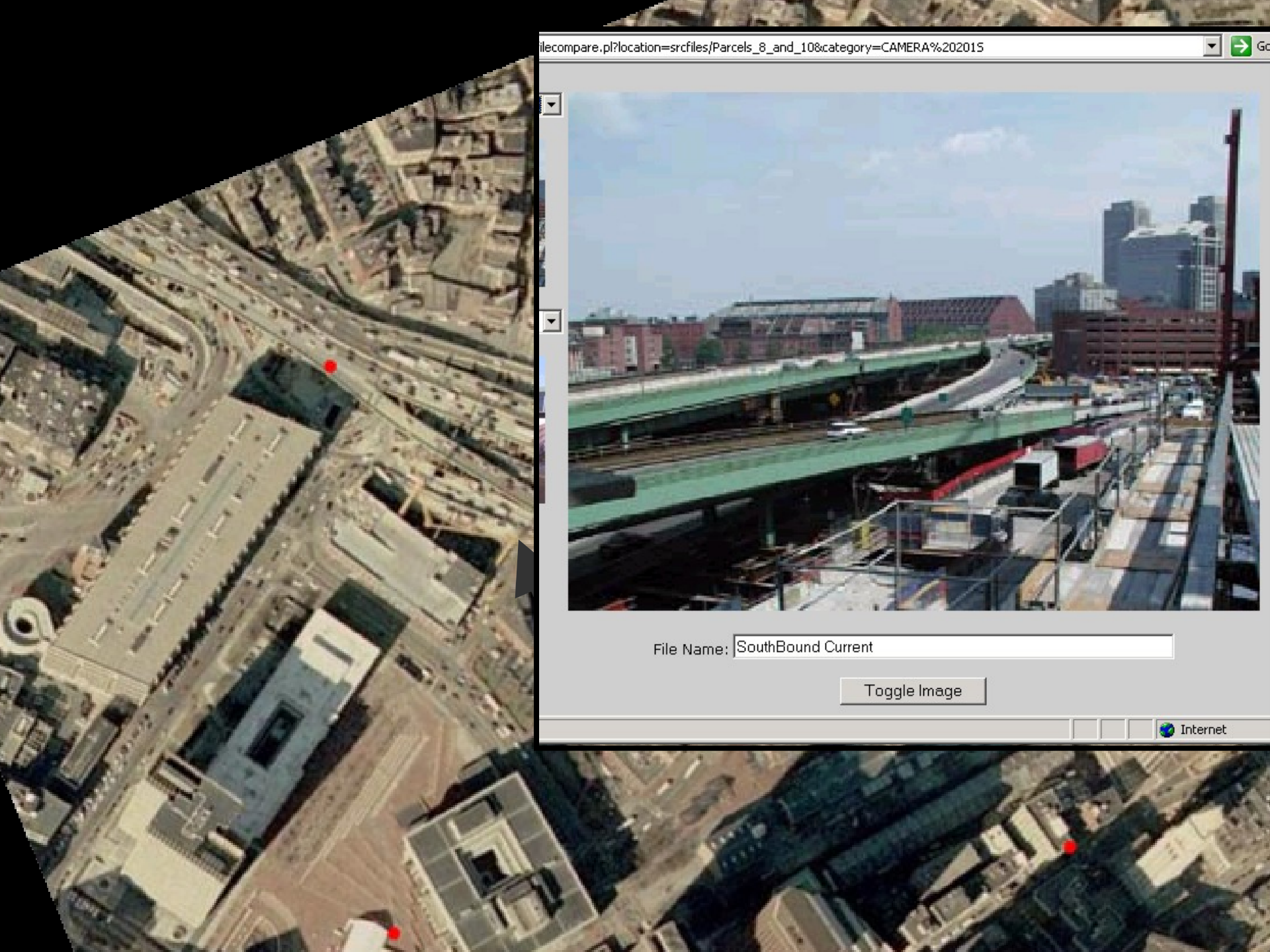
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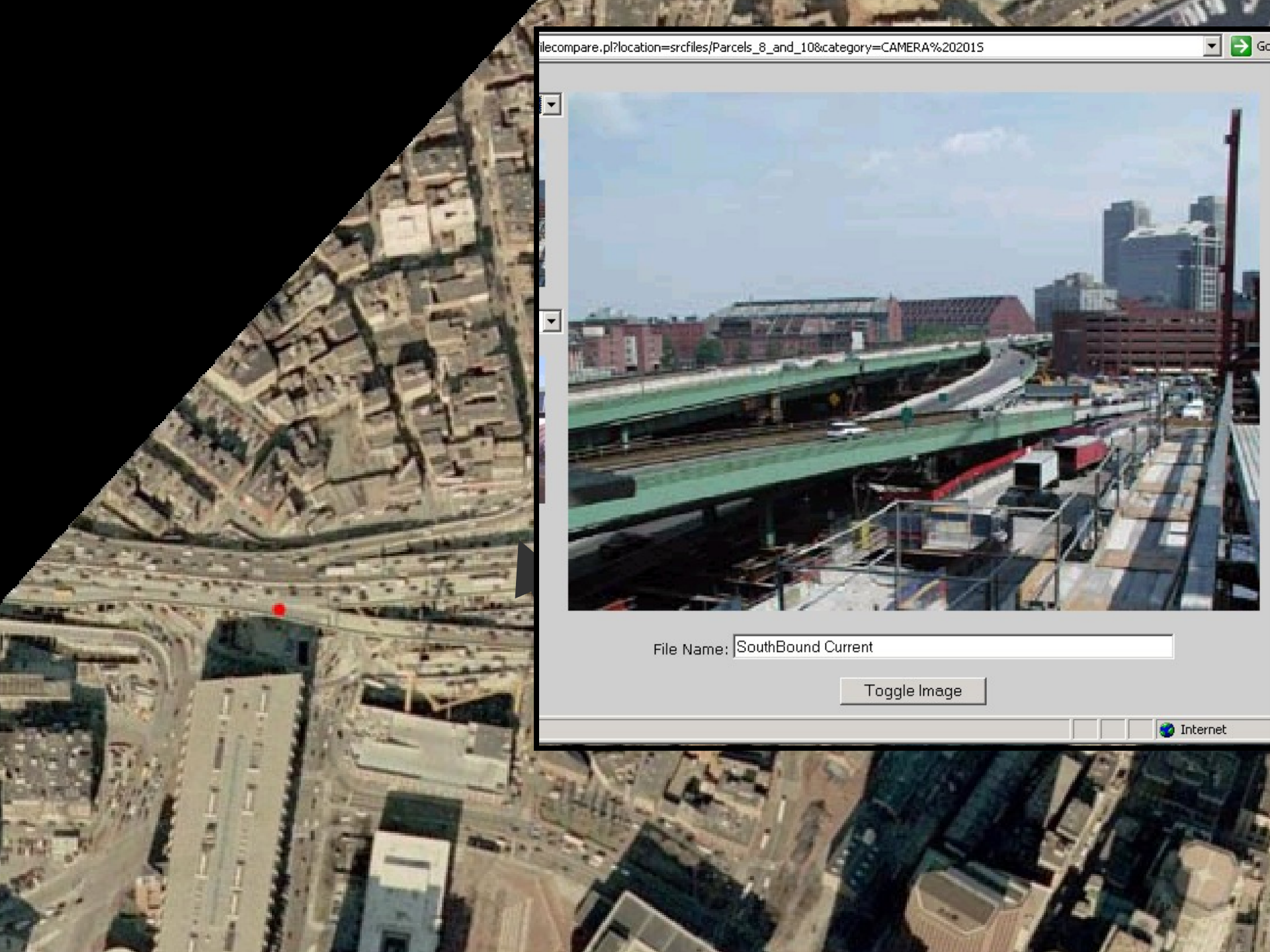
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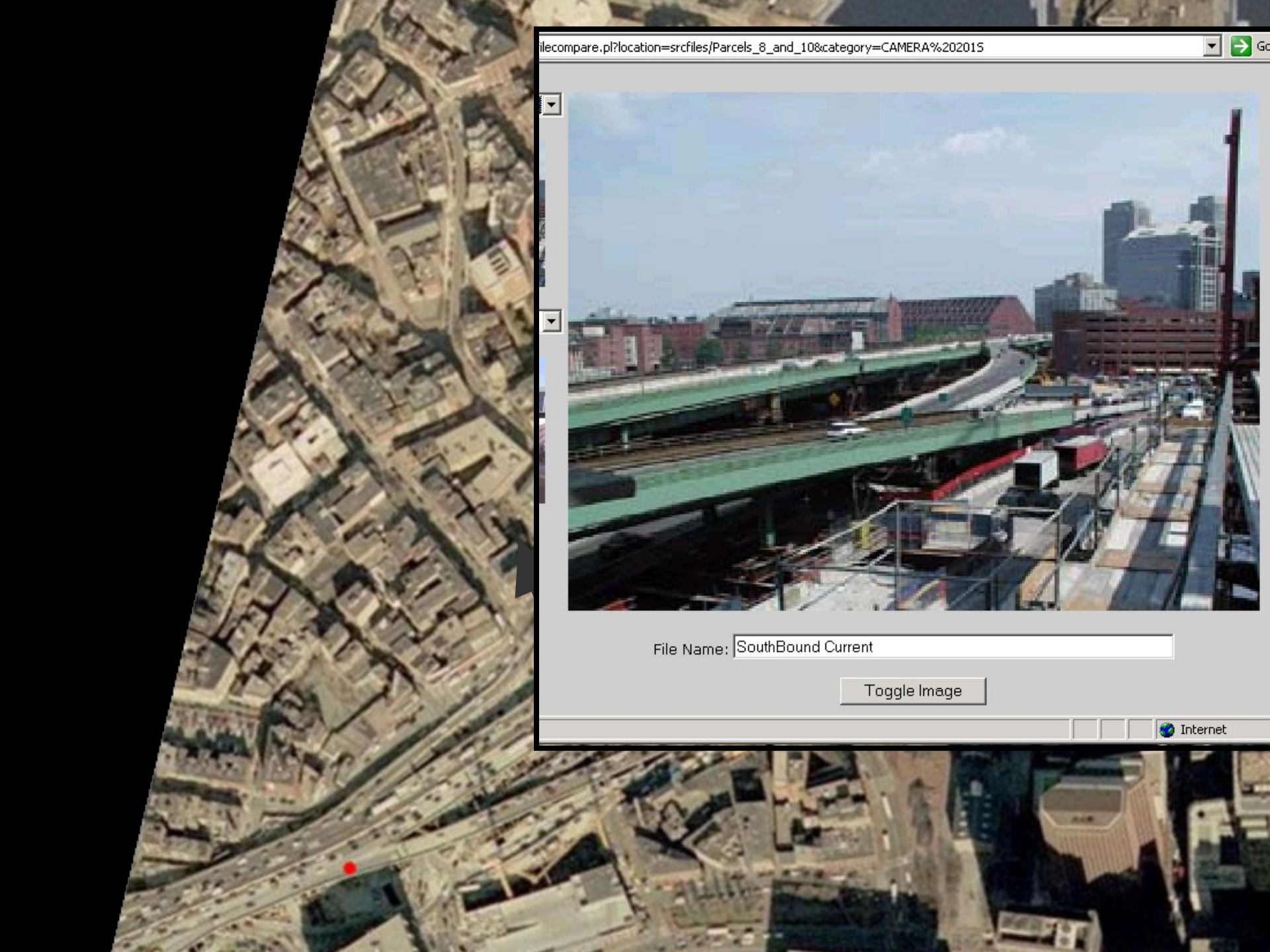
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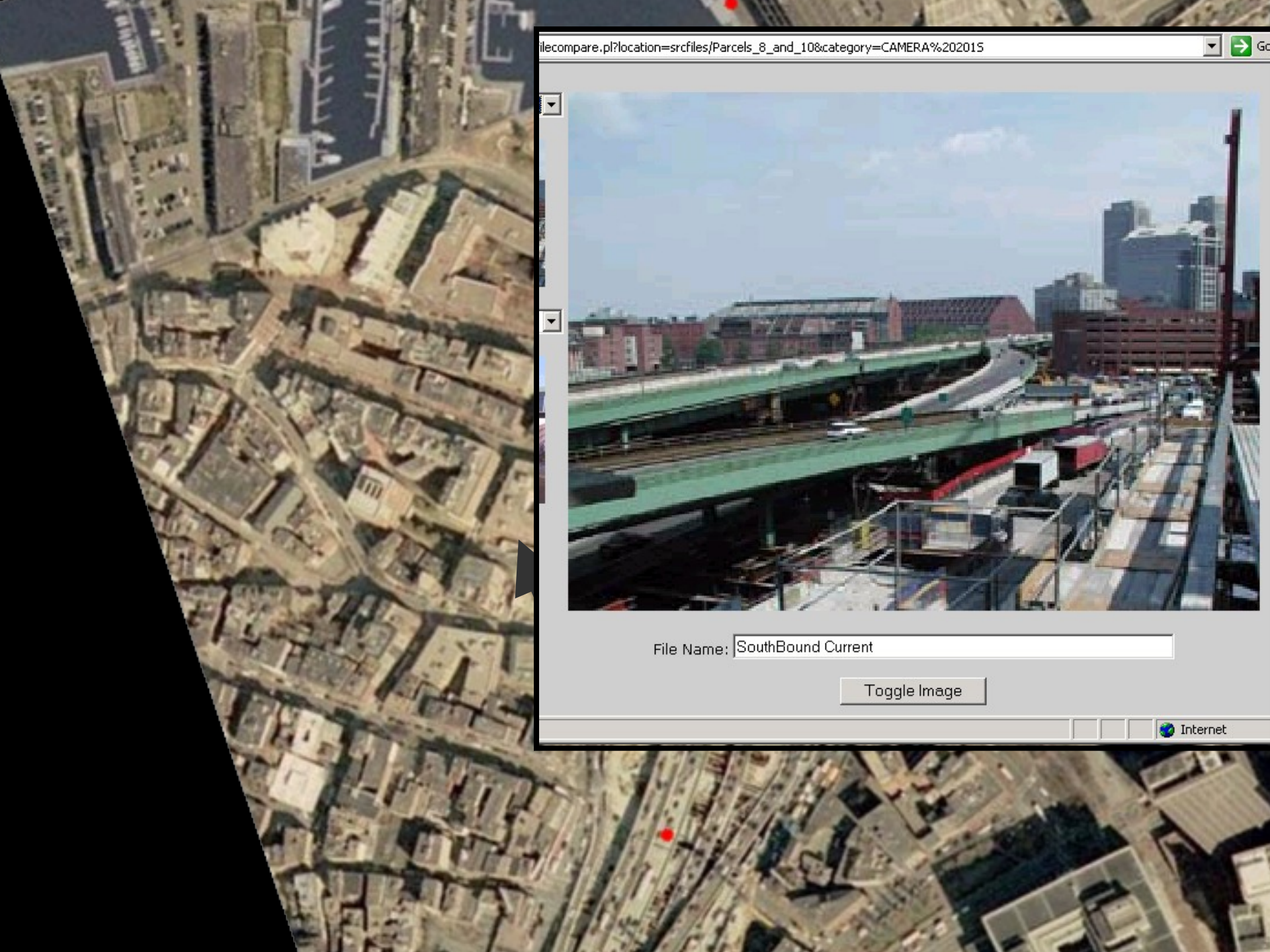
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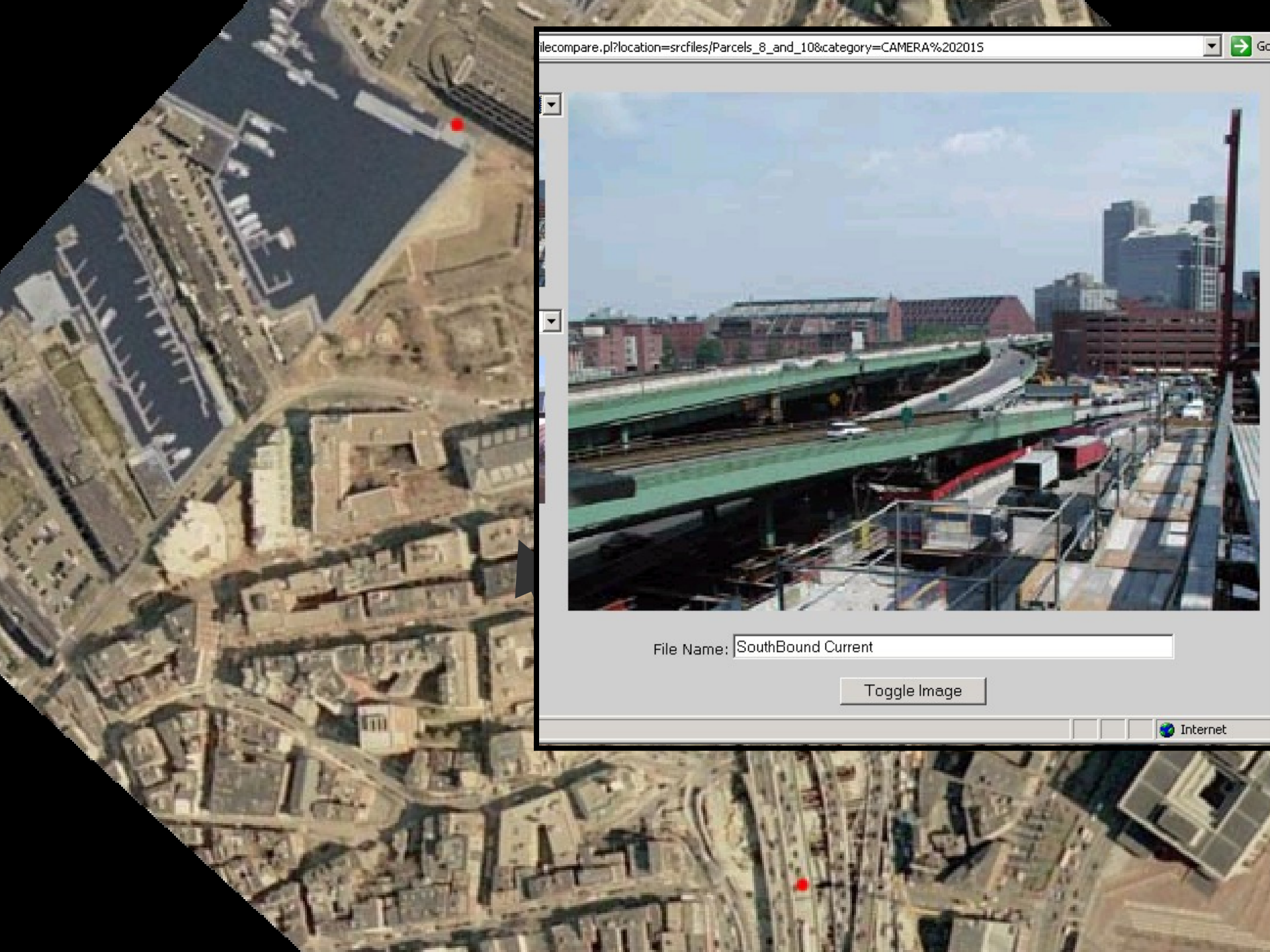
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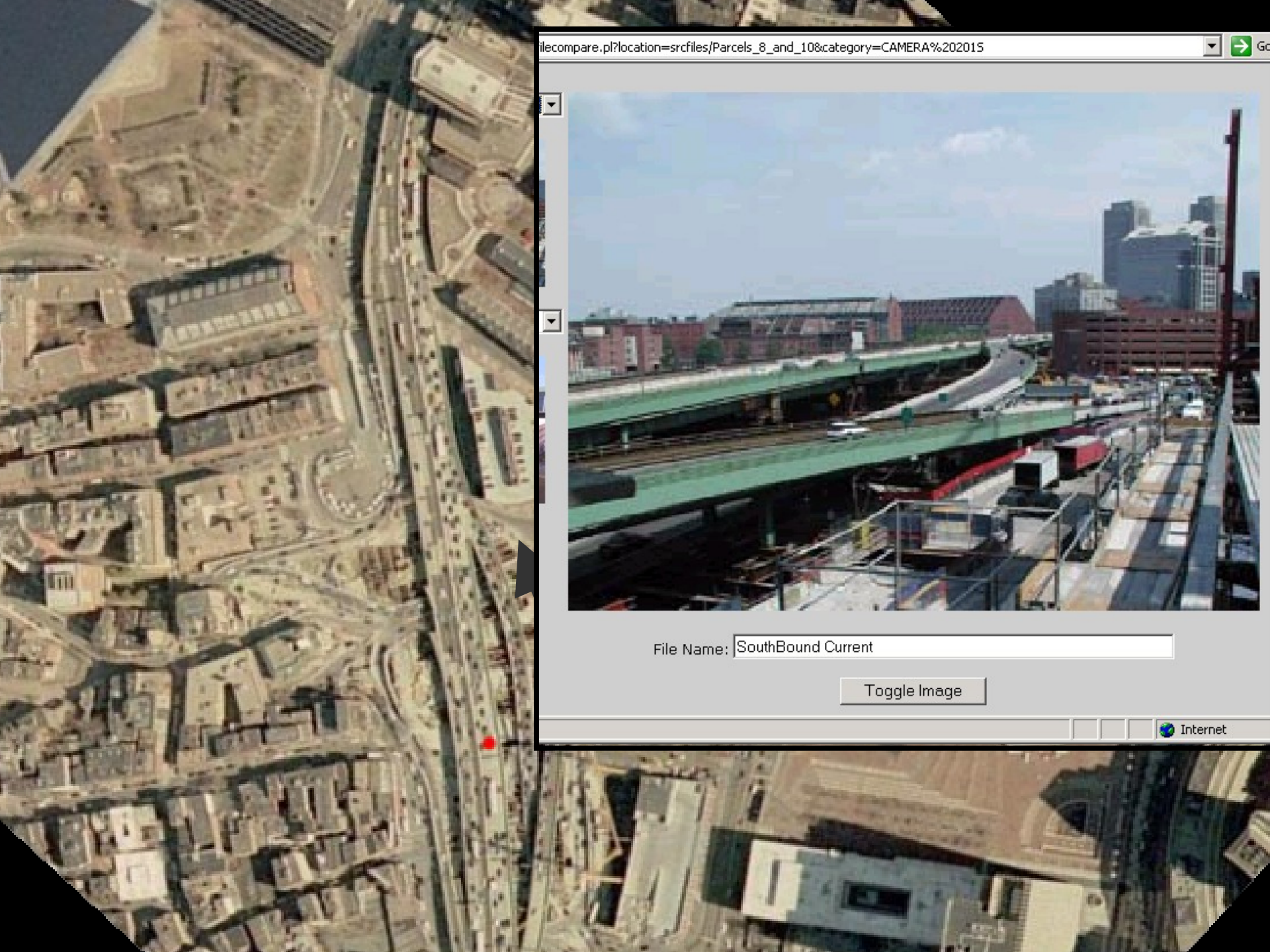
Internet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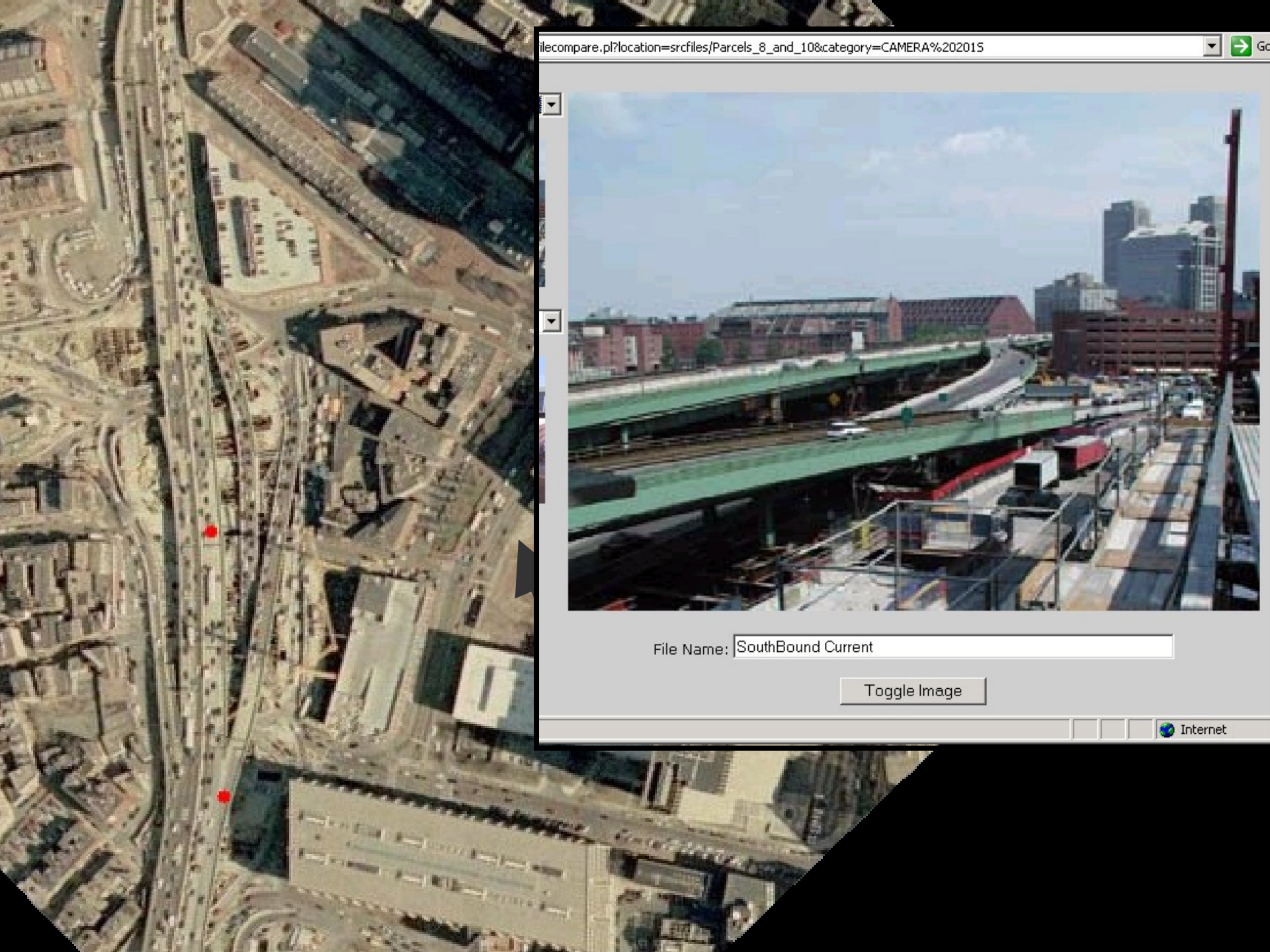
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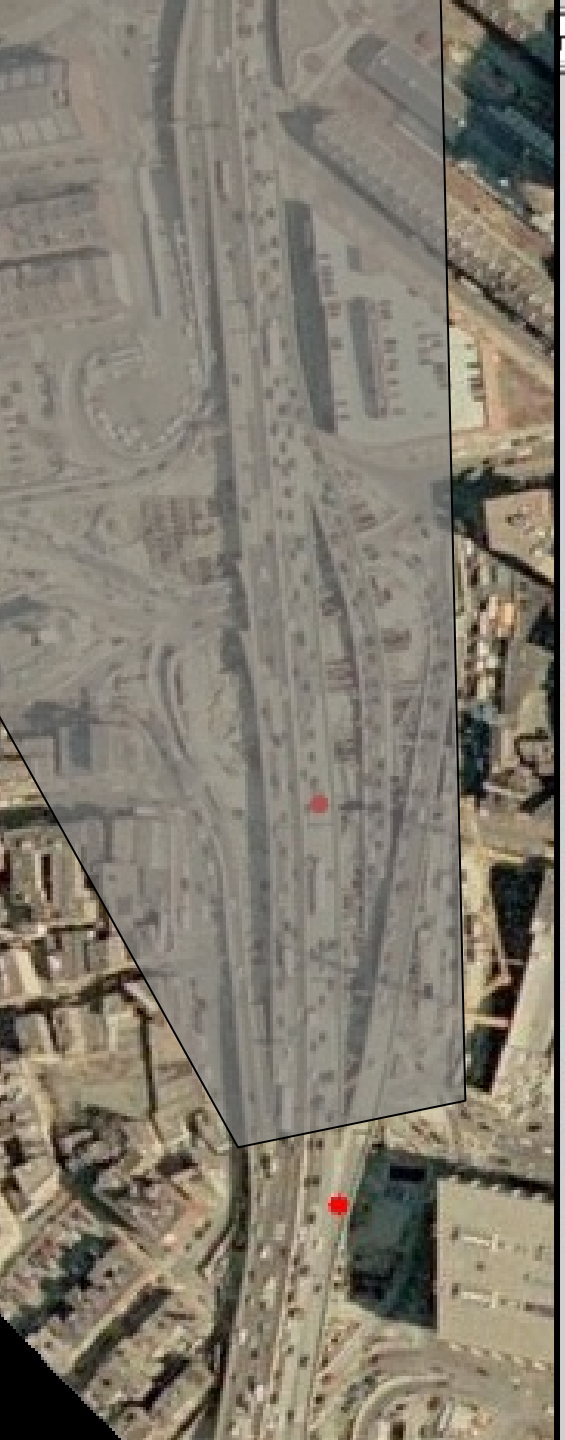

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File Name: SouthBound Current

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File Name: SouthBound Current

Toggle Image

mpare.pl?location=srcfiles/Parcels_8_and_10&category=CAMERA%202015

File Name: SouthBound Future

Toggle Image

mpare.pl?location=srcfiles/Parcels_8_and_10&category=CAMERA%202015

File Name: SouthBound Current

Toggle Image

mpare.pl?location=srcfiles/Parcels_8_and_10&category=CAMERA%202015

File Name: SouthBound Future

Toggle Image

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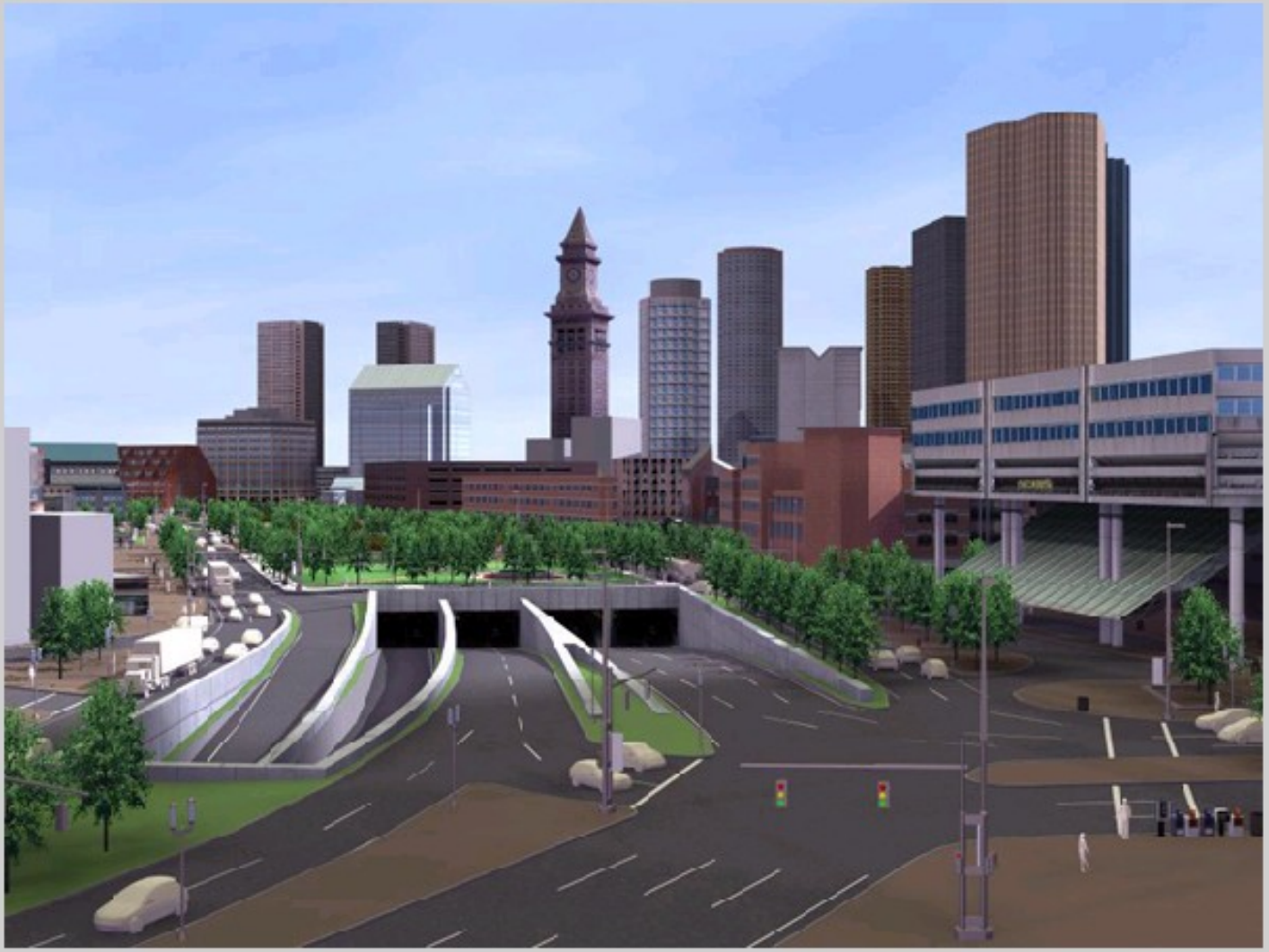

File Name: Summer

Toggle Image

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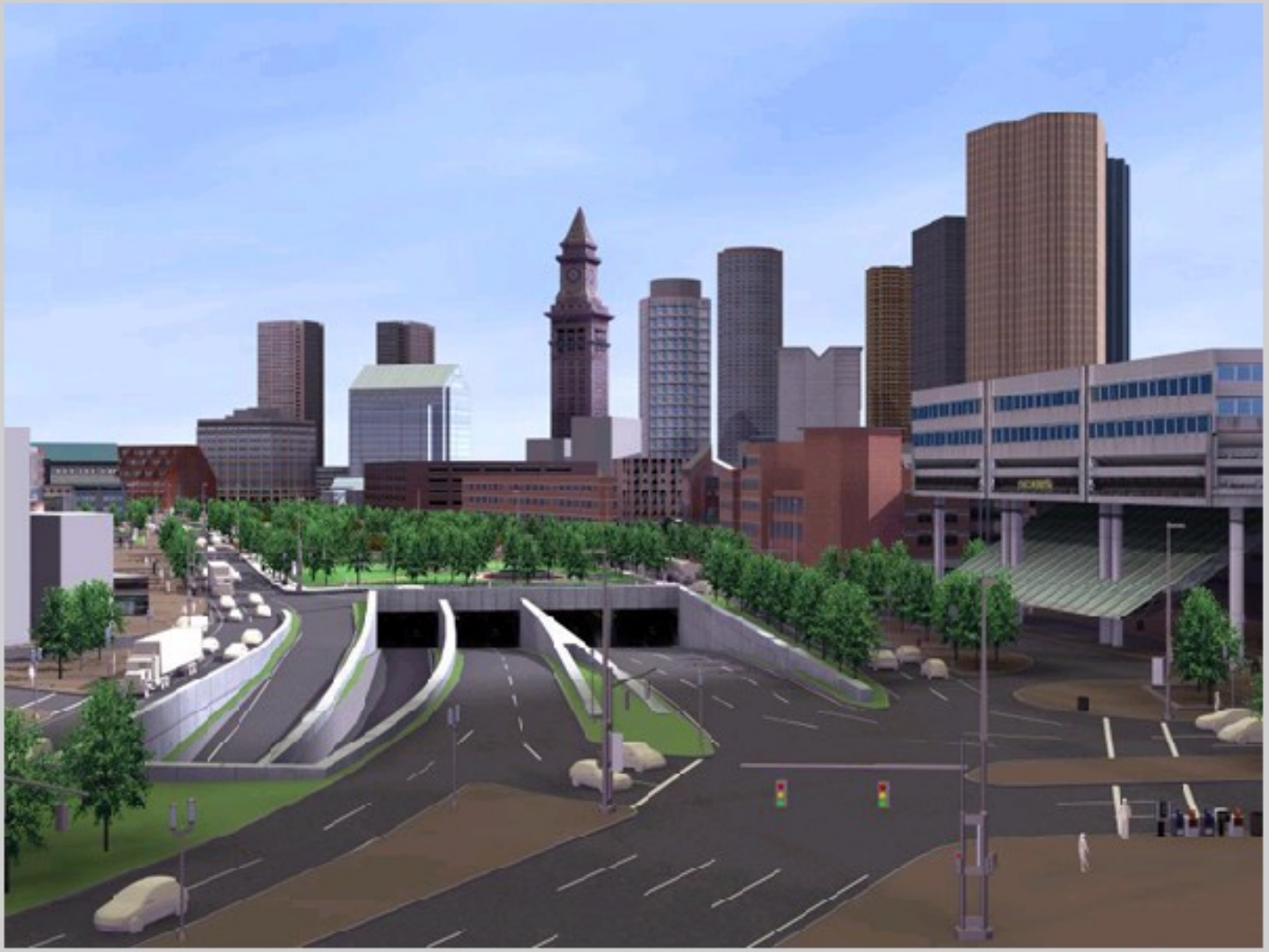

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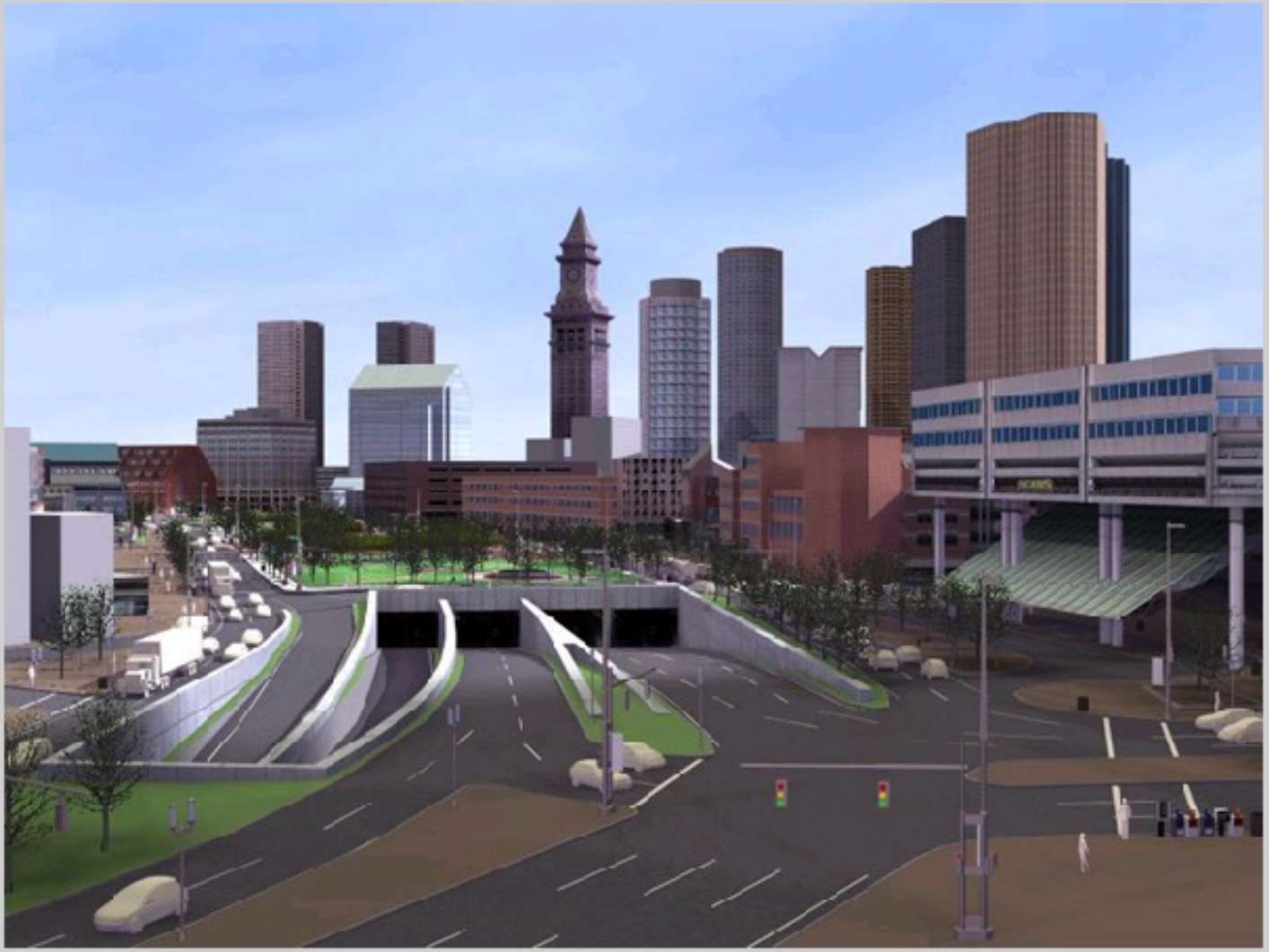

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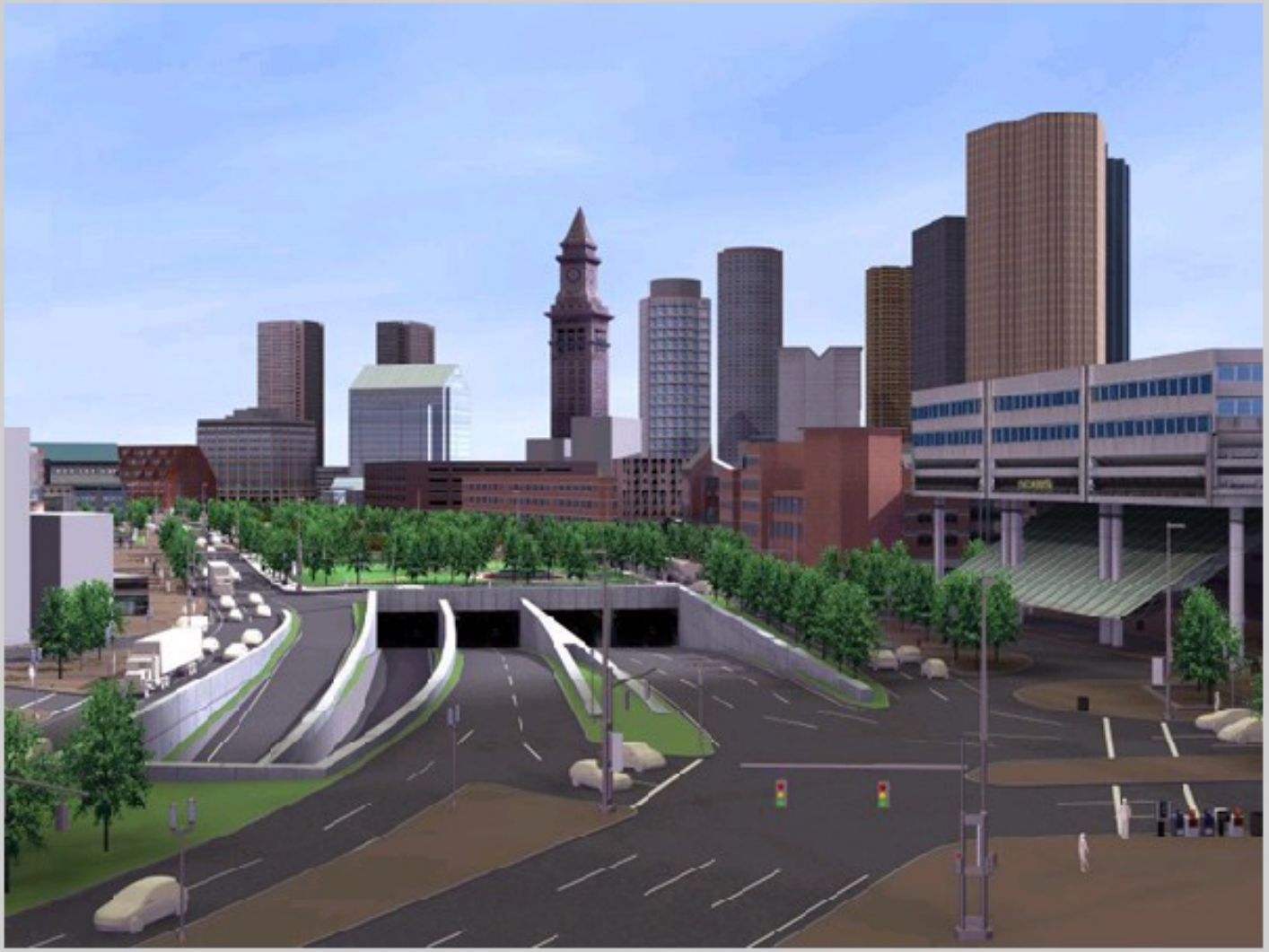

File Name: Summer

Toggle Image

To Understand

To Understand and Compare

–

To Understand and Compare at a *Location*

–

To Understand

and Compare

at a *Location*

requires a

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To Understand

and Compare

at a *Location*

requires a

Map-Based Archive

Tools for an honest conversation

Demos and Discussion

http://www.mapjunction.com/places/Boston_BRA/main.pl?ht=768

http://www.mapjunction.com/places/MA/main.pl?ht=768

http://www.mapjunction.com/places/Boston_BRA/mapview.pl

http://www.adverserealms.com/flash/flashclient.html